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Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Volume 130 SEPTEMBER 21, 1936 Number 12

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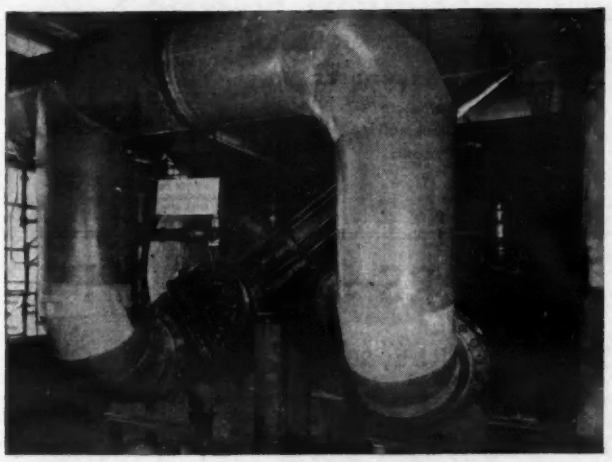
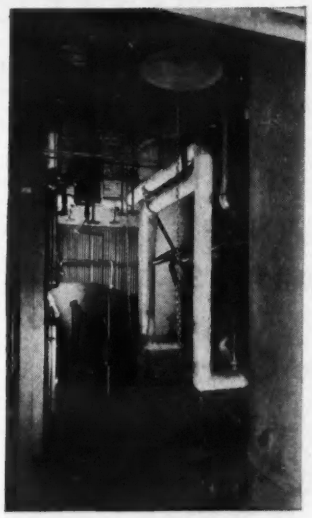


This typical plant, installed on 4th floor of factory, handles vapor-laden air at the rate of 12,000 c.f.m., can recover 3,600 gallons of solvent a day (over 95% of total used), at an operating cost of less than 2c per gallon. This low cost is due to automatic operation and control.



This unit, built in an unused elevator shaft, handles air at the rate of 3,000 c.f.m., and recovers 220 gallons of solvent a day (over 90% of total used), at an operating cost of 4c per gallon. A small, compact, manually-operated plant that shows a good profit.

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 130 SEPTEMBER 21, 1936 Number 12

F.T.C. Will Not Answer Questions for Trades Seeking Interpretations of Patman Act

Informal Conferences May Be Dropped Because of Misrepresentations of Opinions of Others as Official—Questioners Face Investigation on Data Presented —No Answers Were or Will Be Given to Food Group

WASHINGTON, Sept. 17, 1936.

Incensed at publication of interpretations of the Patman act as being authoritative statements coming from the Federal Trade Commission, the commission is considering putting a stop to the recent practice of its staff of holding informal discussions with representatives of industry.

Instead the commission is pushing a score of formal complaints against violations of the new price-discrimination law and expects to serve a number of them on respondents about October 1.

Any move by a trade or industry to hold a general or group conference with the Federal Trade Commission or its staff to clarify merchandising practice under the Patman act will certainly not be encouraged by the commission, and if such a proposal is made it will get a cool reception. Nor will the commission give written answers to any list of questions which any trade or industry might submit asking for advice under the law.

This was ascertained definitely today from high F.T.C. officials who expressed deep concern over publication in a drug paper—not the OIL, PAINT AND DRUG REPORTER—of what purported to be answers given by the commission to ninety-nine questions asked by a group of food distributors.

The officials denied categorically that these answers came from the commission or any of its staff, and they stated that they have been obliged to make such denials frequently this week in answer to letters and telegrams from inquirers who asked if the published answers had any official status.

No Answers by F.T.C.

Investigation developed that these ninety-nine questions and answers were written by Hector Lazo, executive vice-president of the Cooperative Food Distributors of America, and distributed to the members of his trade association as his own personal judgment. Mr. Lazo based his answers on his own knowledge of law and of merchandising practices in the grocery trade, fortified by discussions with other trade association executives, lawyers, and members of the Federal Trade Commission's staff.

Mr. Lazo was one of a group of food industry executives who held an informal conference on the Patman law with the commission staff about a month ago, and which submitted a long list of written questions to the commission. *But, the questions then submitted were not the ninety-nine questions in Mr. Lazo's bulletin. Commission officials stated today that the questions submitted by the food group were not answered, either in writing or orally, and would not be.*

In the bulletin to his members, Mr. Lazo made this very plain, using such language as:

> You can generally accept the information in this bulletin as being authoritative, reliable, and as accurate as it is possible to obtain it, **but it is not official,** meaning that it does **not** represent government interpretation or ruling. . . . It does not make any claim to being official rulings of any kind. It makes no claim to "inside" information. . . . It cannot be used as a defense for acts which in the future may be adjudged in violation of the law.

Wrong Impression Given

In reprinting the ninety-nine questions and answers, however, the drug trade publication referred to omitted Mr. Lazo's preface and gave the impression that the interpretations came from the Federal Trade Commission as a result of the recent food trade conference with commission staff members.

This food trade conference was the only instance where the commission staff met with a group of industry representatives, and it is not likely to be repeated, if for no other reason than because of the pressure of work in the commission. Those who attended that conference expressed themselves as being very much pleased and benefitted, but commission officials seem to be of the opinion that any benefit was more psychological than actual.

It is true that several members of the F.T.C. legal staff have held scores of informal discussions with trade association executives and industry lawyers over many phases of the Patman law in an attempt to help clear up the great confusion caused by the law's enactment. Some inquiries have been answered by mail, but only in vague and general language.

Hypotheses Versus Facts

The chief difficulty with this procedure, it was stated to this correspondent today by one of the commissioners, is that an inquirer states a hypothetical case in such a simple way that a categorical answer appears to be obvious, but in almost every instance the commission official does not visualize the problem in the same way as the man asking the question, or there are other factors and circumstances in the case, which are not mentioned and which greatly alter the answer that should be given.

When the commission states, even unofficially, that a certain hypothetical case does not appear to be in violation of the law, it may frequently develop that the advice is used as a defense for actions which are illegal but which were not fully explained at the time the original question was asked, this commissioner stated.

For this reason many F.T.C. officials are questioning the wisdom of permitting the staff to give further "informal" opinions. In a number of recent instances the commission has advised inquirers to consult a lawyer.

It has been charged by persons seeking to promote a Patman law conference of the drug trade with the Federal Trade Commission that advice from lawyers as to Patman act procedure has cost the industry "probably over $1,000,000." However, commission officials declared they have seen no examples of particularly bad advice in interpretations of the law published by lawyers and others.

Questions Bring Probe

On the contrary, these officials point out that an industry places itself in jeopardy when it lays bare before the commission all the present price practices which might be considered discriminatory and illegal. In at least one recent instance an industry submitted questions as to Patman law procedure in such a way as to cause the commission to start a preliminary investigation to see if formal complaints should be issued on the basis of the evidence so disclosed.

If informal advice given orally by staff members comes to be used as defense for illegal discriminatory price practices, and particularly if interpretations by practicing lawyers are published as coming from the Federal Trade Commission even indirectly, it is quite possible that the commission may clamp down on all informal discussion of the law.

Officials make it plain that the commission is making no exception to its policy of not making interpretations of the laws it administers, and that it is enforcing the Patman law under a judicial procedure as directed by Congress in the same way that it enforced the original Clayton act and the other laws it administers. Its legal staff has been attempting to "think out loud" with representatives of industry on questions which have been raised, but in every instance the attorney speaking was giving only his personal and off-hand opinion. It is noteworthy that the views of these attorneys have differed widely on many matters. The commissioners themselves, who make the decisions as to what complaints should be issued and how they shall be decided after trial, have taken no part in such discussions.

(Continued on page 33)

Closing Market Developments

London Closing Cable

LONDON, Sept. 18, 1936.

Quotations on quicksilver ranged £12 3s. 6d. to £12 19s. per flask, comparing with £12 17s. in the previous week.

Storax Advanced

Replacement prices on storax have been advanced sharply and the rise in local quotations last week failed to cover entirely the increased cost of shipment goods. Spot prices were 33c. to 35c. per pound as to quantity.

Mercury Colors Rise

Technical mercury oxides advanced 10c. per pound, Friday. Quotations for red and yellow oxide are now $1.39 per pound. This is the second 10c. rise in as many weeks. Up to this writing, quicksilver vermilion had not changed.

Crude Cottonseed Oil Higher

Crude oil was stronger late in the week and sales in the Valley were made at 9c. f.o.b. Buyers advanced bids to 8⅞c. Inquiry was active with offering scarce.

Hard Mercurials Advanced

Quotations on hard mercurials were advanced last Friday afternoon to cover increased production cost. The rise reflected the further advance in quicksilver prices last week. New prices were as follows:—Corrosive sublimate crystals, $1.14 per pound; granular, and powder, 99c.; calomel, $1.32; red precipitate, $1.64; white precipitate, $1.66; mercury oxide, yellow, USP, $1.81.

Iron-Ammonia Citrate

Quotations on iron and ammonia citrate were reduced 2c. per pound last Friday afternoon. New prices were:—brown, granular, and pearls, 37c. to 38c. per pound; scales, 47c. to 48c.; green, granular, and pearls, 37c. to 38c.; scales, 47c. to 48c.

Menthol Crop Up in Japan

The crop of menthol in Japan will run ahead of that a year ago, according to a statement of the Hokkaido Forecasting Bureau in the primary market. This body is similar to the United States Department of Agriculture and its statement covered the crop condition as of September 1. The holders of menthol in Japan became active sellers at declining prices, which accounts for the weaker and lower spot market last week.

Corning Crude Oil Cut

Posted prices for crude petroleum at Corning field were reduced 10c. per barrel by the South Penn Oil Company. The posted price is now $1.32 per barrel.

Tankcar gasoline quotations were reduced ⅛c. per gallon throughout Ohio.

Tin Crystals Higher

Tin crystals were fractionally higher at 35½c. to 36c. per pound; tin anhydrous tetrachloride, 23¼c. per pound, and soda stannate was 31c. to 34c. per pound. Straits tin was 46c. per pound, with the price tone strong.

Antimony Metal Lower

The market for domestic antimony was lower at 11¼c. to 11½c. per pound.

World Tin Consumption Increases 16 Percent

The world apparent consumption of tin during the year ended June, 1936, amounted to 147,720 tons, compared with 125,881 tons in the preceding twelve months, according to a report to the minerals and metals division of the Department of Commerce of data compiled by the International Tin Research and Development Council.

United States consumption in the period totaled 69,644 tons, an increase of 35 percent, while British consumption, amounting to 21,789 tons, registered an advance of 2.1 percent. Consumption in France and Soviet Russia showed increases of 10.6 percent and 25.1 percent, respectively, while German consumption was down 10.6 percent. Germany and Spain were the only two important consuming countries whose tin consumption in the period was below that of the previous year.

For the twelve months ended June, world production of tinplate amounted to 3,332,000 tons, against 3,011,000 tons in the preceding year, and the quantities of tin used in tinplate manufacture totaled 54,300 tons and 48,900 tons, respectively. World production of tinplate in June of this year totaled 350,000 tons, the highest monthly total on record.

Chemical Price Average Dips

Price changes in the markets for heavy and fine chemicals last week were the more numerous on the side of advances. There was more influence on the part of the reductions however,, and the general average, because of a dip in the fine chemicals division, was slightly lower. Improvement was quite generally shown in business in industrial chemicals, especially in demand for coaltar products, supplies of basic materials in this group being short. Preliminary discussions of 1937 contracts were prevalent, but uncertainty with respect to the applications of the Patman act slowed up negotiations.

Prices were advanced on tin oxide, quicksilver, calomel, corrosive sublimate, red precipitate, white precipitate, yellow oxide of mercury, ethyl acetate, isopropyl acetate, sugar coloring, domestic dried blood, and imported nitrogenous fertilizer material. Reductions were made in the prices of menthol, iron-ammonia citrate, CBB Manila copal, imported dried blood, and imported bone.

The REPORTER'S composite index number of prices for heavy and fine chemicals was shaded a trifle and stood at 125.3 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.7, against 89.1 at this time last year.

N.Y.P.V.L.A. Golfers to Have Outing Sept. 25

The Save the Surface golfers of the New York Paint, Varnish and Lacquer Association will have a full day of golf September 25, at the Winged Foot Country Club, Mamaroneck, N. Y. G. A. Wharry, chairman of the golfers, has extended a cordial invitation to members of the Federation of Paint and Varnish Production Clubs or any out-of-town clubs, to attend the golf outing. The Mamaroneck course is easily reached by motor over the Boston Post road, by the New York, New Haven & Hartford Railroad or by bus.

This event will follow the first dinner meeting of the season of the association, at the Biltmore Hotel, September 24. Surprises are promised for the dinner, particularly in the principal guest, who will be "one whose knowledge of the paint industry is second to none and still is in no way connected with our association, national or otherwise," according to Mr. Wharry.

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Tin Ore Project In North Carolina

Discovery of deposits of tin ore is reported from Lincoln county, North Carolina. Six well-defined bodies of ore, said to assay from $25 upward per ton, have been opened. They cover a large area and are said to offer possibilities of commercial development.

Plans are being laid by the American Consolidated Tin Corporation to develop the North Carolina ore deposits. According to Louis Hepp, superintendent, Gastonia, milling will begin as quickly as arrangements can be made for getting sufficient ore above ground.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Caustic Potash.—Austria has increased the import duty on caustic potash from 7.50 gold crowns to 25 gold crowns per 100 kilos.

Exterminators:—Estonia has provided that preparations for the extermination of agricultural pests, weeds, and plant diseases, may be brought into the country free of duty only if imported in the original packages.

Glass:—Belgium has removed the export permit requirement from glass in plates or sheets, simply cast, molded or compressed; and on marmorite of opaline glass, in plates or slabs.

Pharmaceuticals:—Netherland India, in a proposed law to control certain pharmaceutical products, provides that they may be sold in the colony only after approval by the Pharmaco-therapeutical Institute. It is understood the products toward which the control is at present directed are digitalis, insulin, pituitary extract, and codliver oil.

Perfumes:—British North Borneo has increased the import duty on perfumes from 15 percent to 25 percent ad valorem under the general tariff and from 7½ percent to 15 percent ad valorem under the British preferential tariff. Federated Malay States has made a substantial reduction in the import duty on perfumery.

Rubber:—British India, France, Netherlands, Siam and the United Kingdom have increased the annual quota on which rubber exports from Siam are based from 15,000 long tons to 40,000 long tons through the year 1938.

Silver Salts:—Lithuania has reduced the import duty on chemical preparations with silver salts or other salts sensitive to light from 15 lits to 5 lits per kilo.

Turpentine Oil:—Austria has reduced the import duty on raw turpentine oil.

Paint Drive in Pittsburgh Nets $1,157,000 Sales

Pittsburgh's and Allegheny county's Clean Up-Paint Up-Plant Up Campaign for 1936 exceeded the high record of 1935 in the number of paint jobs, despite the great flood which hit Pittsburgh early this year. In this year's campaign, 208 schools of the city and county participated, and over 181,000 pupils, in their house-to-house canvass, inspired a total of over 2,000,000 Clean Up-Paint Up-Plant Up jobs, with the sponsorship of the Pittsburgh Board of Education and the Pittsburgh Chamber of Commerce.

Donald J. Howard, secretary of this year's campaign in Pittsburgh, and Adam E. Daum, member of the National Clean Up and Paint Up Campaign Committee, and chairman of the paint and varnish council of the chamber, have transmitted to the campaign bureau in Washington, a report showing that in the paint section, a total of 452,331 paint jobs, requiring an estimated total of over 369,453 gallons of paint and varnish products valued at approximately $1,157,742.50 were tabulated as a result of the doorbell pulling campaign of the pupils of the schools.

Oils Tax Rules Issued by Bureau

WASHINGTON, Sept. 16, 1936.

Regulations covering the payment of excise taxes on various oils, imposed by the revenue acts of 1934 and 1936, have just been issued by the Bureau of Internal Revenue as T. D. 4695.

The new regulations constitute a revision of chapters 1 and 2 of regulations 48 originally issued in August, 1934, and were made necessary by the additional oils taxes imposed by the 1936 law. The revision follows closely the form and intent of the original regulations and makes no material changes in the administration of the laws.

N.W.D.A. Convention's Full Business Program

Addresses, Discussions and Other Features to Fill Four Days Meeting

The business sessions of the National Wholesale Druggists' Association, at its convention in White Sulphur Springs, September 28 to October 1 will comprise addresses, reports and discussions on a great number of the problems before the industry today. Most of the meetings will be held in the auditorium of the Greenbrier hotel. The full business program follows:—

September 28

9:30 A.M.

Call to Order.

Invocation: Reverend D. A. Gilmore, Pastor First Presbyterian Church, White Sulphur Springs.

Roll call.

Minutes six-first annual meeeting.

Address of Welcome: Hon. H. G. Kump, Governor of West Virginia.

Reception of Delegates and Visitors: American Pharmaceutical Association, National Association of Retail Druggist, American Drug Manufacturers' Association. The Proprietary Association, The National Drug Trade Conference, Federal Wholesale Druggist' Association, American Pharmaceutical Manufacturers' Association, Institute of Medicine Manufacturers, National Association of Chain Drug Stores, The Toilet Goods Association, United States Department of Commerce, The New York Board of Trade, Drug, Chemical and Allied Trades Section, Prescription Protective Bureau, New Jersey State Pharmaceutical Association, New York State Pharmaceutical Association, West Virginia State Pharmaceutical Association, Distilled Spirits Institute, and other associations.

Response to Addresses of Welcome and Delegates:—

President's Address: William J. Shieffelin, jr.

Appointment of committee on president's address.

Reports of Committees:—

(a) Arrangements and entertainment: T. Edward Hicks, chairman.

(b) Rates and routes: R. B. Magnus, chairman.

(c) Active membership: Avis G. McPike, chairman.

(d) Associate membership: Austin R. Waite, chairman.

(e) Memorials of deceased members: Harry J. Schnell, chairman.

(f) Employment and welfare problems: C. D. Smith, chairman.

Invitations for sixty-third convention.

Announcements and communications.

Appointments of special committees on:—

(a) Auditing treasurer's report.

(b) Nominations.

(c) Time and place of next meeting.

New business.

Adjournment.

2:30 P.M.

(a) Informal meeting of wholesale druggists only: P. A. Hayes, chairman.

(b) Informal meeting of manufacturers only: J. S. Norton, chairman.

September 29

9:30 A.M.

Call to order.

Minutes of first session.

Election of new active members.

Election of new associate members.

Report of national councilor of the United State Chamber of Commerce.

Report of delegates to National Drug Trade Conference.

Treasurer's report.

Secretary's report.

Reports of committes:—

(Continued on page 47)

Synthetic Resins and Plastics

Abstracts of Papers Presented in a Symposium at A.C.S. Meeting September 10

(Continued from September 14 issue)

Constitution of Polysulphide Rubbers

By S. Maner Martin, jr. and J. C. Patrick
Thiokol Corporation

When organic dihalides of the type X-R-X, for example, ethylene dichloride, Cl-CH_2CH_2-Cl, are reacted with inorganic polysulphide MSx, that is, Na_2S_4 in the presence of a suitable dispersing agent, an insoluble organic polysulphide and an inorganic salt are formed. These organic polysulphides are for the most part high molecular weight chain polymers that either possess, or can be made to assume, highly rubberlike properties.

The organic dihalides and metallic polysulphides are both bireactive, and, as each new unit is in turn bireactive, chain growth is possible through the elimination of the inorganic salt. No evidence has been obtained that would indicate that the basic structure of the organic radical is changed during the course of this reaction. The way in which the sulphur atoms are combined in the molecule gives rise to several hypotheses. The two that appear most tenable are, either a structure in which the sulphur atoms are connected in the form of a chain R-S-S-S-S-R, or, a structure in which the organic radicals are connected through disulphide linkages, R-S-S-R. The additional sulphur over and above that required to form a disulphide being combined as side groups attached to the sulphur comprising this disulphide linkage as, for example:—

R-S-S-R
‖ ‖
S S

This second hypothesis would indicate that whenever more than two sulphur atoms, per unit of the chain, are present, they are in a different state of combination from the two chain sulphurs. This hypothesis agrees with the facts, in that the sulphur present as side groups can be easily removed with sodium hydroxide to give a material corresponding in analysis to a disulphide. This disulphide can be further reduced to the dimercaptan. Starting with the dimercaptan, the high molecular weight disulphide can be regenerated by moderate oxidation. The disulphide can then be made to recombine with sulphur to give the original organic polysulphide.

The presence of the coordinately combined sulphur greatly modifies the properties of the chain polymer. With certain organic radicals, the disulphide structure imparts rubber-like properties, while with others sulphur in excess of that required for a disulphide linkage is necessary.

In all chain polymers it is necessary to assume some type of terminal group. In this reaction, the chain will be terminated by either a halogen atom or a polysulphide group, depending on which reactant is kept in excess. There is a slight modification in the properties of the finished polymer, depending on the type of terminal groups present. When the polysulphide is kept in excess and the washed organic polymer acidified, a product is obtained which is analogous to natural rubber, in that it is capable of further polymerization by vulcanization with oxidizing agents. The phenomenon of cure is not fully understood. The evidence points to its being brought about by the oxidation of mercaptan terminal groups on the long chain polymers to form polymers of even greater length.

Polymerization of Vinyl Acetate

By K.G. Blaikie and R.N. Crozier
Shawinigan Chemicals, Ltd.

A brief description is given of the process developed by the Shawinigan Chemicals, Ltd., for the preparation of polymers of vinyl acetate. Tables showing the influence of time, temperature, catalysts, and solvents on the reaction and product are shown. The steps leading from the laboratory investigation to commercial manufacture and the manner in which the reaction is controlled to yield standard, soluble products are indicated.

A polymer of vinyl acetate which is insoluble in the common organic solvents is formed in minute quantities during the manufacture of the soluble form on a commercial scale. It is similar to the ordinary insoluble polymer which is more readily prepared by carrying out the polymerization in the absence of solvents as has been recognized for some time. This insoluble material does not appear to be formed by the continued addition of monomeric vinyl acetate to a chain to produce an enormously long molecule. Preliminary investigation indicates that a weak link between chains is formed giving a lattice or bridged structure. On long heating at elevated temperature with acetic acid, pyridin, or cellosolve the polymer dissolves, and as far as is known at present, the resulting material has the properties of the ordinary soluble modification.

A brief description is given of the preparation and properties of a copolymer of vinyl acetate and divinyl ether, which is insoluble in the common organic solvents. It differs from the ordinary insoluble material in being more resistant to the action of solvents and does not dissolve even in hot acetic

(Continued on page 63)

Patman Act's Relation To Sales for Export

The Robinson-Patman amendment to the Clayton act is generally believed to have no application to sales made in export trade. The construction of the amendment is somewhat confused in this respect however. With the purpose of making clear the various possible interpretations of the Patman act with reference to export trade, the Proprietary Association has issued the following commentary by its general counsel, James F. Hoge:—

8. Section 1 (a) clearly does not apply to export business except "where such commodities are sold for use, consumption or resale within...any insular possession or other place under the jurisdiction of the United States." It is not clear whether the other subsections apply to export or not. Subsection (d) uses merely the word, "commerce," which is defined in the Clayton act as including commerce with foreign nations. Subsection (e) apparently has no territorial limitations, for the word, "commerce," does not appear in it. The court may read into all of the subsections the same territorial application set out in subsection (a). But, section 3 is distinct from section 1 and is not a part of any other law. It contains no definition of the word, "commerce." The court would doubtless construe that Congress meant interstate commerce. And, on the usual definitions, that would include export.

Babson Bullish on Business Outlook

Roger W. Babson, the well-known business analyst, opined to the Associated Press at Boston, September 15, that, after six years of depression, business had at last reached normal, and he said that, for the next two or three years he was "bullish."

For the fourth time since he began studying the business curve thirty-five years ago, Mr. Babson said that it had crossed the normal line and was back again to the average of 1925-27. If the heavy industries and building construction were active, he added, business would be far above the normal line and approaching the high level of 1929. He said that 1936 would be the best year since 1929 for automobiles and steel, and he cited among the lines equaling or exceeding 1929 levels, retail trade, power production, cement, and electrical appliances.

Mr. Babson predicted a sharp advance in the price of real estate, commodities, stocks, wages, and interest rates, larger farm crops, and an increase in railroad traffic. He said that the only shortage would be in the "guts crop" and "those fundamental characteristics of integrity, industry, and thrift which have made America."

Walsh Act Rules Issued

General Stipulations for Government Contracts Are Prescribed

Wage Limit Not Yet Set

Bid Peddling and Contracts to Brokers Barred—Labor Hours Limited

WASHINGTON, Sept. 16, 1936.

General regulations under the Walsh-Healey government contracts act, which takes effect September 28, were issued by the Secretary of Labor today.

After that date, every contract, with certain exceptions, for the manufacture or furnishing of materials, supplies, articles, and equipment for any agency of the United States government must contain stipulations set forth in the law. The principal stipulations are that the contractor is the manufacturer of, or a regular dealer in, the material supplied; that employees engaged on the contract not work in excess of eight hours a day or forty hours a week; that no child or convict labor be employed on the contract; that the work not be carried on under insanitary or hazardous conditions; and that minimum wages be paid when such are stipulated by the Secretary of Labor.

The stipulations are not required for a contract for a definite amount not in excess of $10,000; where the contracting officer is authorized by statute or otherwise to purchase in the open market without advertising for proposals; and for contracts for perishables, unprocessed farm products, or with common carriers or communication companies.

No minimum wages have yet been set for any industry, and none will be effective until after notice of hearing. For the present a blanket permission is given to operate in excess of eight hours a day or forty hours a week on payment of time and a half for overtime, in performing government contracts. The act does not apply to office or

(Continued on page 33)

Drug Law Revisers Ask Aid of Trades

Constructive Suggestions Sought By Copeland, Chapman For New Bill

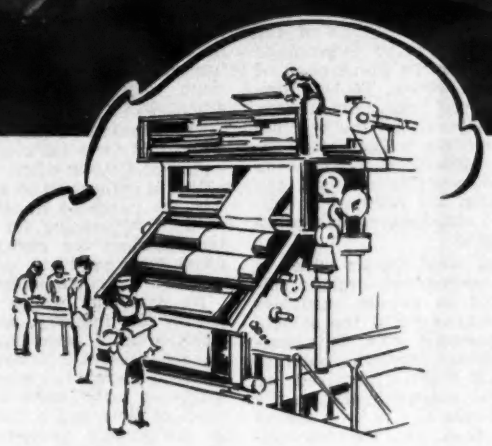
As he stated immediately after the adjournment of the latest session of Congress, Senator Royal S. Copeland, with the collaboration of Representative Virgil Chapman, has started work in preparation of a bill to revise the Federal food and drugs act.

The senator reiterates that the bill, which he proposes to introduce at the next session of Congress, will be prepared "entirely independent of the Department of Agriculture." The aid of the legislative counsels of the Senate and House has been enlisted by Senator Copeland and Representative Chapman in the drafting of the food, drugs, and cosmetic bill.

Senator Copeland again has the assistance of Ole Salthe, long associated with the promotion and administration of regulatory health measures, in the collecting of material for the drafting of the new bill.

The primary purpose of Senator Copeland and his collaborators is "to strengthen the existing food and drug laws and give greater protection to the consuming public against deceptive, fraudulent, and injurious products, but at the same time adopt a bill under which legitimate industry can live and enjoy better competitive conditions."

It is the desire of those engaged in this latest endeavor to revise the food and drugs act to obtain all possible constructive suggestions which can be used in the preparation of a bill. With this in mind, they have invited the cooperation of "anyone interested in better food, drug, and cosmetic legislation." Suggestions may be sent to Mr. Salthe, 250 West Fifty-seventh street, this city, as well as to Senator Copeland or Representative Chapman.



PROGRESS OF CHEMISTRY

(NO. 9 OF A SERIES)

PAPER MAKING— AN ANCIENT CHINESE INDUSTRY

THE ancient paper makers of China produced paper by hand, using a fibrous material pounded with stones, then mixed with water and screened. The origin of paper as a writing material is said to have been traced back to the 2nd century B. C.

It was not until the middle of the 19th century that chemistry introduced wood into the paper industry. This made available unlimited quantities of fiber just at a time when the paper machine was developed. Thus, paper was produced in quantity at low cost. It was no longer a luxury of the rich but placed within reach of all.

Without paper or a good substitute, our present civilization could hardly exist. It is a medium of exchange of knowledge, news, correspondence and of recording historical facts, business transactions, etc. Today, paper is used for insulation, furniture, rugs, food containers. Also, artificial silk, imitation rubber and other modern utilities are being produced from wood fiber. And all is a chemical process.

During over 69 years in the manufacture of fine chemicals, the Mallinckrodt Chemical Works has made available many of the quality chemicals used in the various industries.

A new Industrial-Pharmaceutical Price List has just been issued by Mallinckrodt. If you have not as yet received your copy, please advise us.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms. ....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .08 - —
l.c.l., delvd....lb. .08½- —
tanks, delvd....lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ....100 lbs. 2.95 - 3.20
56%, bbls. ....100 lbs. 4.60 - 4.85
cbys. ....100 lbs. 5.10 - 5.35
70%, bbls. ....100 lbs. 5.73 - 5.98
cbys. ....100 lbs. 6.23 - 6.48
80%, bbls. ....100 lbs. 6.53 - 6.78
cbys. ....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. ....100 lbs. 8.43 - 8.68
cbys ....100 lbs. 8.93 - 9.18
USP., dms. ....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
80%, bbls. ....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
60%, bbls. ....100 lbs. 6.63 - 6.88
cbys. ....100 lbs. 7.13 - 7.38
90%, bbls. ....100 lbs. 8.33 - 8.59
cbys. ....100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs....lb. .59 - —
50 lbs. ....lb. .60 - —
25 lbs. ....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls....lb. .85 - .95
tech., bbls. ....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 60 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 60 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls....lb. 1.16 - 1.21
Butyric, 90%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .17 - .17½
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .20 - .21
Chlorosulphonic, dms....lb. .03¼- .05
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .26 - —
kegs ....lb. .26½- —
gran., bbls....lb. .26 - —
kegs ....lb. .26½- —
powds, bbls....lb. .26½- —
anhyd., gran., dms....lb. .29 - —
powd., dms....lb. .29½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls....lb. .52 - .54
Coconut oil, white, dms....lb. .09¾- .10¼
Cottonseed oil, dms....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald. nearest competitive prod. point....gal. .81 - —
less 500 gals., same basis, gal. .82 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums....gal. .79 - .94
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11¼
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
USP. IX, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.30
Hydrofluoric, 30%, bbls....lb. .07 - .07½
lead, cbys....lb. .09 - .09¼
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls....lb. .04½- .05
light, refined, bbls....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls....lb. .11½- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1230- .1330
tanks ....lb. .1230- —
extra white, dms....lb. .11 - .11½
split, dms....lb. .07¾- .08
refined, dms....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd..100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms....lb. .10 - .12
240-260, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12¼
Palm oil, dms....lb. .0780-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls....lb. .62 - —
Perilla oil, dms....lb. .1110-.1150
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works ....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works ....lb. .16 - —
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Rapeseed oil, dms....lb. .12 - .13
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10 - .11
single pressed, bgs., delvd.lb. .09½- .10½
triple pressed, bgs., delvd.lb. .12¾- .13¾
saponif., double pressed, bgs., dlvd..lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.13.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs,....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .26 - .27
Aconitine, amorph., vis....oz.17.00 - —
cryst., vis....oz.20.00 - —
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms. ....lb. .16 - .18
Agar Agar, 1, bls....lb. .72 - .73
2, bls....lb. .65 - .66
3, bls....lb. .55 - .56
Agaric, white, bls....lb. 3.50 - 3.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs. ....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .75 - .80
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd. ....lb. .157 - —
tanks, dlvd. ....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots. ....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. ....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs. ....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms. ....lb. .95 - —
import., 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs....lb. .40 - —
Cinnamic, bots. ....lb. 3.40 - 3.50
Denatured, CD11, 12, 13, dms. c.l. dlvd. E..gal. .34 - —
dms. l.c.l., E....gal. .40 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., bbls., c.l., E. works..gal. .30 - —
19 bbls., E. works...gal. .32 - —
1 to 18 bbls., E. works. gal. .35 - —
dms., c.l., E. works..gal. .29 - —
19 dms., E. works..gal. .31 - —
1 to 18 dms., E. works. gal. .34 - —
tanks, E. works....gal. .23 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .30 - —
20 dms., E. works..gal. .32 - —
1 to 19 dms., E. works. gal. .35 - —
tanks, E. works....gal. .24 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt alld....lb. .18 - —
l.c.l., frt. alld....lb. .18½- —
tech., contract, dms, c.l., frt. alld. ....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l. ....gal. 4.14 - —
19 bbls....gal. 4.16 - —
1 to 18 bbls....gal. 4.19 - —
dms., c.l. ....gal. 4.13 - —
19 dms....gal. 4.15 - —
1 to 18 dms....gal. 4.18 - —
tanks ....gal. 4.07 - —
absolute, dms....gal. 4.54 - 6.08½
Grain alcohol 40c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest. ....lb. 1.25 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works ....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .06½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .90
98%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. ....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .29 - .30
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape cs....lb. .23 - .24
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .69 - .69
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 3.00 - —
lump, bbls., works....100 lbs. 2.85 - —
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 6.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls....lb. .07 - .07¼
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 575 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works....lb. .08 - .08¼

Alumina Hydr.—Amyl Acetate

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - ..
less than 20, works.....lb. .04¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd, met, N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —

Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 bs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .43 - —
less than 1,000 lbs., same basis..lb. .50 - —

Aluminum, powd., dry, lining, wallpaper, dms., 30,000 lbs., same basis lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum, powd., dry, varnish, standard, dms., 30,000 lbs., same basis lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine, lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l., prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 -35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb.. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22

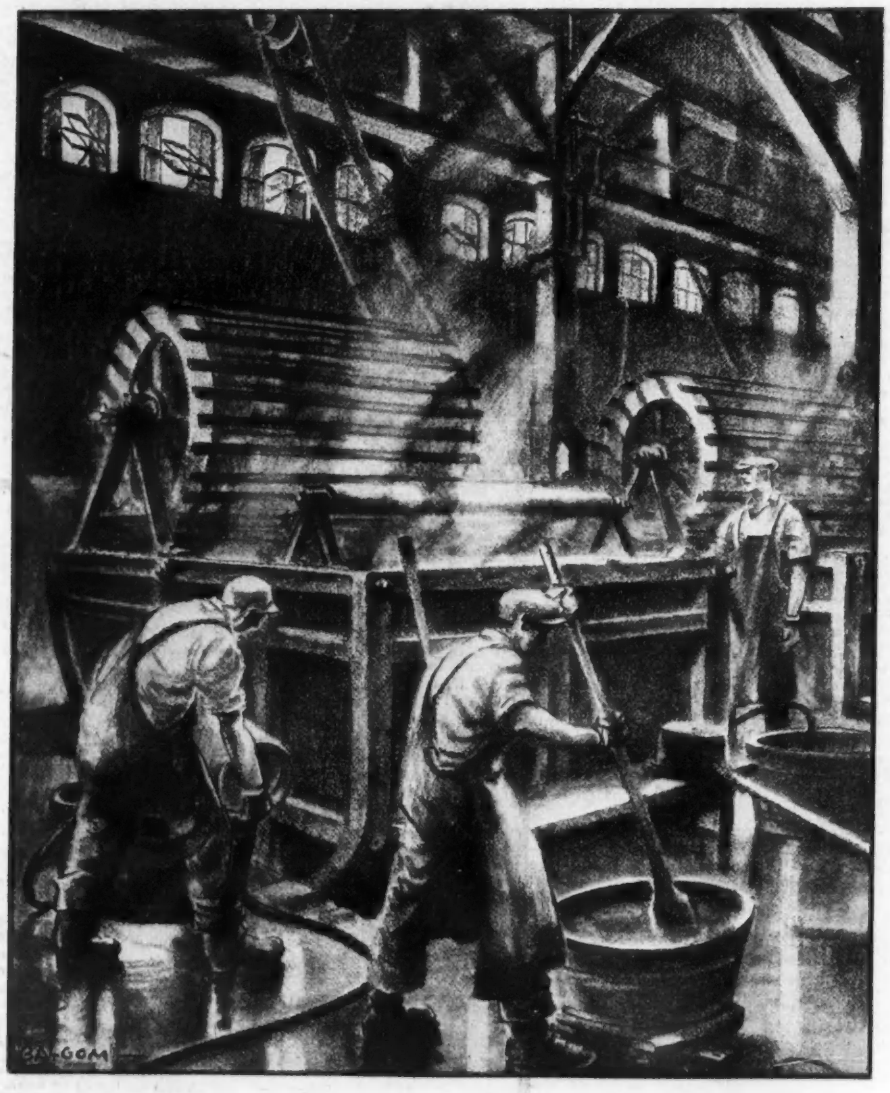
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Sept.-Nov. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.23.50 - —
f.o.b. cars, Atlantic, Gulf, ports..ton.25.50 - —
Birmingham, Ala., ovens..ton.25.50 - —
Northern ovens...ton.23.50 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.24.50 - —

Ammonia sulphate, domestic, for Dec.-June delivery is 50c. per ton additional.

dbl. bgs., export, f.a.s. N.Y., ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray. dom., bbls. c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd. lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —

DOING THINGS THAT INTEREST TREASURERS



● Industry's treasurers are among the first to appreciate the work that is being done by chemicals today. For through chemical processes many a plant is now turning out better products at a lower cost. The activities of American Cyanamid, a nation-wide organization that supplies a comprehensive variety of chemicals, should enlist the interest of any treasurer whose company uses chemicals. For Cyanamid has extensive research facilities and uses them productively...offers the cooperation of a highly trained technical staff...and serves its customers from plants and warehouses located at convenient points to give the greatest economies in delivery.

The scene above shows the interior of a plant in the textile industry, where Cyanamid chemicals and Cyanamid service are steadily increasing efficiency and effecting economies—doing things that command the interest and respect of treasurers.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

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USI ALCOHOL NEWS USI

SEPTEMBER ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1936

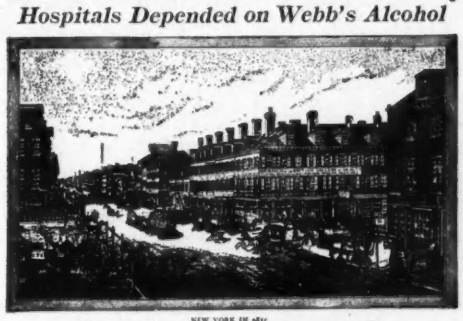
U.S.I. ADS FEATURE CENTURY OF SERVICE BY WEBB & SON

Pure Alcohol for Hospitals Featured

Marking a century of service to hospitals by James A. Webb and Son, U. S. Industrial Alcohol Co. is publishing a series of twelve advertisements in "The Modern Hospital." The first, appearing in the September issue, illustrates the fact that "Hospitals Depended on Webb's Alcohol Before Horsecars Plied Broadway."

Before Horsecars Plied Broadway

Hospitals Depended on Webb's Alcohol



NEW YORK IN 1835

["Webb's Emporium of Light," shown above, was located in the business center of New York at the northeast corner of Broadway and Canal street. Webb's burned alcohol was first marketed at this store. Its chief uses then were for lighting and for cooking purposes and also for burning fluid for lighting purposes.]

WHEN stage coaches rumbled up Broadway and drinking water was an article of commerce, the House of Webb was supplying alcohol to hospitals and scientific institutions.

Established in 1835, the firm of James B. Webb and Son rapidly became the most important producer of high grade alcohol in the city. The distilling of a pure, uniform grade of alcohol was a secret of the Webb family for generation after generation. The Webb name connoted a "standard of quality" to alcohol buyers, and the brand became the most widely known and used on the market.

In 1915, the U. S. Industrial Alcohol Co. acquired James A. Webb & Son and the famous Webb brand of alcohol. Thus the vast technical knowledge of U.S.I. was benefited by the priceless eighty years' experience of the Webb family in the making of highest quality alcohol of a grade particularly suited to hospitals and pharmaceutical use.

Today, Webb's and U.S.I.-U.S.P. are the best known and most widely used brands of alcohol. The country's leading hospitals select U.S.I. because of the uniform high quality and consistent purity of its products. You, too, will find it safer to depend upon U.S.I. as the source of your alcohol requirements.

ALCOHOL
U.S.I.-U.S.P. WEBB'S
ONE HUNDRED YEARS OF SERVICE TO HOSPITALS

U. S. INDUSTRIAL ALCOHOL CO. 60 EAST 42ND STREET, NEW YORK BRANCHES IN ALL PRINCIPAL CITIES

The reproduction of an old wood engraving shows the corner of Broadway and Canal Street in New York City as it appeared in 1835. "Webb's Emporium of Light" may be seen on one corner. Webb's alcohol, at that time, was used as a burning fluid for lighting, as well as for scientific and medical purposes.

Established in 1835, the firm of James A. Webb and Son rapidly became the most important producer of high grade alcohol in the city. The distilling of a pure, uniform grade of alcohol was a secret of the Webb family for generation after generation. The Webb name connoted a "standard of quality" to alcohol buyers, and the brand became the most widely known and used on the market.

In 1915, the U. S. Industrial Alcohol Co. acquired James A. Webb and Son and the famous Webb brand of alcohol. Thus the vast technical knowledge of U.S.I. was benefited by the priceless eighty years' experience of the Webb family in the making of highest quality alcohol.

Today, Webb's and U.S.I.-U.S.P. are the best known, widely used brands of alcohol.

Keane Appointed Sales Manager

Lee A. Keane has been promoted to General Sales Manager of the U. S. Industrial Alcohol Co., with offices in New York. Mr. Keane was formerly Manager of Western Sales divisions. His appointment became effective August 15.

PHARMACEUTICAL AND COSMETIC INDUSTRIES RELY ON ALCOHOL AS AN INDISPENSABLE BASIC RAW MATERIAL

Alcohol Serves Not Only in Manufacture of Ingredients but Also as a Part of Finished Products

In the drug and cosmetic industries, alcohol is an indispensable material. Countless drugs and pharmaceuticals which give relief from pain and actually save lives could not be prepared without alcohol. In the cosmetic industry, alcohol makes possible the manufacture of materials through which life is made more comfortable and attractive.

Alcohol is indispensable in these industries because it has multiple properties found in no other substance—and numerous efforts to find substitutes have so far failed of fulfillment. The characteristics which make alcohol so useful are solvent power, volatility, antiseptic action and preservative quality.

The range of industries using alcohol extends far beyond the drug and cosmetic fields to include the paint and varnish industry, explosives, tobacco, and many others, but alcohol is highest in the order of importance, in the drug and cosmetic fields.

How Alcohol Serves

For the drug and pharmaceutical industry, alcohol serves in three principal ways: it acts as a solvent in the process of percolation of crude drugs, preparation of tinctures, etc.; it serves as raw material which furnishes the ethyl radical in chemical compounds, and acts as an ingredient in medicinal and proprietary mixtures. In the manufacture of some products, alcohol serves in more than one of the ways mentioned above.

Among the important products in medicine which are made with alcohol are the well-known tinctures, belladonna, digitalis, and pepsin. Insulin, for the treatment of diabetes, is prepared by extracting the glands of certain animals with alcohol, and the administration of chaulmoogra oil for leprosy cases

(Continued on next page)

ALCOHOL PRICES REVISED FOR C.L. AND L.C.L. DELIVERIES

New price schedules affecting all formulas of ethyl alcohol sold in carload or l.c.l. quantities were announced by the industry during the third week in August. The new schedules, filed with Robert T. Baldwin, "Common Agency" for the industry, are effective for delivery up to and including September 30, 1936.*

Tank-car base prices for pure alcohol and Specially Denatured Alcohol remain unchanged with the exception of S. D. No. 23-G,† but the differential on drum deliveries has been revised. Drum carloads are priced at 6 cents per gallon over the tank-car base, nineteen drum lots at 8 cents over tank-car price, and for quantities of one to eighteen drums, the differential is 11 cents. Prices are f.o.b. nearest producing point.

A new schedule has been announced for C. D. alcohol for anti-freeze purposes, the price being 34 cents per gallon in drum carloads delivered east of the Rockies. To jobbers buying for resale in l.c.l. quantities, the price is 37 cents per gallon, and for industrial accounts, the price is 40 cents per gallon in l.c.l. lots; both prices f.o.b. plant or warehouse.

*C. D. prices effective to April 15, 1937.
†Price S. D. No. 23-G in tank-car at plant, 26¢ per gal.

The uses of industrial alcohol have been charted by U.S.I. Copies are available to those interested.

HUNDREDS OF WELL-KNOWN PHARMACEUTICAL and cosmetic products are made with U.S.I. alcohol. Here are illustrated a wide variety of materials, many bearing nationally famous brand names. To obtain utmost purity and uniformity, manufacturers depend on U.S.I. alcohol.

Prepared Monthly by the U. S. Industrial Alcohol Co.

ADVERTISEMENT—*This entire page is a paid advertisement.*

SEPTEMBER ★ **ALCOHOL NEWS** ★ 1936

EXCEPTIONS MADE IN ALCOHOL TAX IN STATE OF KENTUCKY

The Hon. James W. Martin, Commissioner of Internal Revenue, who has been cooperating with the producers of industrial alcohol affected by the tax, has been instrumental in obtaining a ruling relieving hospitals, sanitariums, and other institutions from payment of the tax of $1.04 per gallon on alcohol sold in that state.

The Law imposing this tax is an alcoholic beverage tax law, and should not apply to industrial alcohol. Industrial consumers would find it to their interest to promote legislation which would relieve industrial alcohol of the tax.

DRUG AND COSMETIC INDUSTRIES

(Continued from preceding page)

is greatly facilitated by combining it with alcohol. The common antiseptic, tincture of iodine, is another "alcohol remedy."

Alcohol in Cosmetic Manufacture

Alcohol is employed in manufacturing cosmetic products in much the same manner that it is used in the pharmaceutical industry. It is equally important.

The manufacture of perfumes is a large part of the cosmetic industry which could not exist without alcohol. Natural perfume essences are prepared with ether—an alcohol product. Even more important is the dissolving and diffusing action of alcohol; all natural and synthetic essential oils are dissolved and diluted in alcohol. The alcohol also diffuses the odor of the essences, and makes them apparent to the sense of smell.

Alcohol enters into almost all of the other toilet requisites which serve to clean, comfort, or nourish the skin, or to enhance personal attractiveness. In some materials, alcohol is used in the manufacture of one or more ingredients; in others, it is a necessary part of the finished preparation. In the manufacture of beauty creams, for example, such materials as lanolin, cocoa butter, petroleum jelly, almond oil, tallow, glycerin, and beeswax are treated with alcohol as a solvent or diluent in some stage of the manufacturing process. Hair tonics, lotions, and toilet waters, as a rule, contain a large amount of alcohol in the finished form. In these latter products alcohol is ideal, for its antiseptic, solvent, soothing, and odor-diffusing properties are all utilized.

For the medicinal and cosmetic industries there are over fifty different formulas of Specially Denatured Alcohol. The specifications for each formula have been worked out by the Department of Internal Revenue, in cooperation with alcohol users. Since 1906, when S. D. alcohols were first authorized for sale without tax, the list has constantly increased to reach its present size, and changes are still being made to accommodate the growing needs of this important field.

USES OF S.D. ALCOHOL STUDIED WITH VIEW OF REDUCING NUMBER

The uses of Specially Denatured Alcohol are being studied by the district alcohol supervisors of the Treasury Department with the view of possibly reducing the number of formulas.

Investigations have indicated that many of the present S.D. formulas are seldom used, and it may be that the number of formulas can be reduced. It is reported that the survey will be completed in the early part of September.

TAX OF 4% IMPOSED ON ALCOHOL DELIVERED TO PENNA. BOARD

A tax of 4% of the selling price of all distilled, rectified and blended spirits (including industrial alcohol) is now in effect in the State of Pennsylvania. Under the law in that State, all alcohol must be sold to the State Liquor Control Board, and at the time of delivery the tax must be paid. Distribution of alcohol to consumers is made in accordance with regulations promulgated by the Board.

This tax apparently attaches to all alcohol delivered to the Board, whether or not it is for industrial or non-industrial use. However, the Department of Revenue has been asked for its opinion concerning the application of the tax.

It is believed that it was not the intent of the legislature of the State to impose a tax on alcohol sold for use in hospitals and sanitariums and for other industrial and medicinal purposes.

ALCOHOL FROM BEETS IN ITALY

The first plant for direct distillation of industrial alcohol from sugar beets in Southern Italy started operating on May 24 according to reports from Rome. The plant is in the Province of Salerno and has a capacity of approximately 6,000 gallons per day. Beets grown on reclaimed land in the neighborhood will be utilized.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

Liquid rubber protective coating consisting of a latex compound has recently been placed on the market. It can be applied on the surface to be protected, or used to form a binding between the surface and a paper covering. It can also be applied on the outside of the paper covering.

U S I

For protecting certain surfaces of work to be pack hardened, a new liquid material is being produced. The liquid, applied by dipping or brushing, forms a copper plating which is said to keep the desired surfaces soft and will result in accurate division between hardened and soft areas.

U S I

Collapsible tubes which require no screw caps or other closures are now being manufactured. The neck of the tube is sealed by a slotted, flexible diaphragm. Pressure on the tube causes the slot to open and permits the contents to flow out smoothly. Releasing pressure allows the valve-like slot to close. It is claimed that materials packed in the new tubes will retain their original condition as long as they would in any other type of package.

U S I

An adhesive tape solvent, which has a pleasant odor and is colorless and stainless, is being marketed. It is claimed that the new material tends to prevent reopening of sores or cuts. The solvent penetrates the tape and dissolves the adhesive.

U S I

An electrically-operated marker for permanently marking glass, molded plastics, steel, pottery or fiber is on the market. The instrument is light in weight, easily controlled and can be handled like an ordinary pencil.

U S I

Non-corrosive and non-toxic preparations for treatment of wounds are based on solid basic aluminum acetate. They are reported to be odorless, pure white in color, and practically insoluble in water. Minute quantities of aluminum acetate are split off continuously, and slowly contact with secretions and tissues.

U S I

Amaryllis, camellia, honeysuckle, magnolia and wallflower will be popular odors in the 1936 Christmas perfumes, according to one authority. This expert further states that there is a definite trend toward floral odors this season which may continue for a few years when exotic blends will return to popularity.

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*
SOLOX-*The General Solvent* • U. S. I. *Pyro Brand* DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*
PURE (190 PROOF) TAX PAID—TAX FREE
U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Amyl alcohol (see Alcohol, amyl).
Butyrate, bots. lb. .90 - 1.00
Caproate, cns. lb. 2.75 - —
Chloride, normal, dms., works. lb. .56 - —
small lots, works lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works lb. .07 - —
l.c.l., works lb. .077 - —
tanks, works lb. .06 - —
Mercaptan, dms., l.c.l., works. lb. 1.10 - —
Nitrite, bots. lb. 1.80 - 1.85
Salicylate, cans. lb. .65 - 1.25
Amylene, dms, c.l. lb. .102 - —
l.c.l. lb. .11 - —
tanks lb. .09 - —
Anethol, bots. lb. 1.05 - 1.10
Angelica root, dom., bls. lb. .23 - .25
import, natural, bls. lb. .45 - .50
twisted, bls. lb. .55 - .57
Angostura bark, bls. lb. .35 - .36
Anilin oil, dms. lb. .16½- .17½
tanks lb. .15 - —
Anise, Russian, bgs. lb. .09½- .11
Spanish, bgs. lb. .15 - .15½
Star, bgs. lb. .13 - .14
Anisic aldehyde, bots. lb. 2.15 - 3.00
Annatto paste, bxs. lb. .34 - .37
Seed, bgs. lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls. lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys. lb. .13 - .17
Metal, dom. lb. .11¼- .11½
import, c.i.f., duty paid lb. .12¼- .12½
Needle, powd., bbls. lb. .11½- .12
Oxide, dom., bbls., c.l. lb. .12¾- .13
l.c.l. lb. .13½- —
import, bbls. lb. .13¾- —
Salts, 65%, kgs. lb. .22 - .25
Sulphuret, golden, bbls. lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l. lb. .10½- .13¼
Antipyrene, cns., ton lots. lb. 2.00 - —
smaller lots lb. 2.10 - 2.15
Apomorphine, cns. oz. 23.70 -23.90
Archil extract, conc., bbls. lb. .21 - .27
double, bbls. lb. .18 - .20
triple, bbls. lb. .18 - .20
Areca nuts, powd., bbls. lb. .11 - .12
Arecoline hydrobromide, bots., vis. oz. 5.50 - 5.75
Argols, crude, 30%, csks. lb. .07 - .08
80-85%, csks. lb. .14 - .15
Arnica flowers, bls. lb. .31 - .32
Root, bls. lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs. lb. .08¾- .09¾
bbls. lb. .08½- .09
Arsenic iodide (arsenous), bots., jars. lb. 5.15 - 5.20
Metal, lump, cs. lb. .42 - .46
Red, import., cs. lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l. lb. .03½- —
l.c.l. lb. .04½- —
Japanese, cs. lb. .03¾- .04¼
Arsenous chloride, liq., bot. lb. 1.85 - —
Asafetida, cs. lb. .18 - .19
powd., bbls., bxs. lb. .32 - .35
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines. ton. 67.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines. ton. 27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines. ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines. ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines. ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines. ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines. ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y. lb. .02¼- —
smaller lots, f.o.b. N.Y. lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y. lb. .08½- —
smaller lots, f.o.b. N. Y. lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y. ton. 36.60 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b. N.Y. ton. 90.00 - —
B, bgs., c.l., f.o.b. N.Y. ton. 35.00 - —
l.c.l., f.o.b. N.Y. ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N.Y. lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points ton. 32.90 - —
seconds, bgs., c.l., Colo. points ton. 25.50 - —
selects, bgs., c.l., Colo., Utah points ton. 30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse. ton. 49.50 - —
Maltha, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N.Y. ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery ton. 19.00 - —
l.c.l., refinery ton. 21.00 - —
tanks, refinery ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery gal. .13 - —
dms., c.l., refinery gal. .12 - —
tanks, Calif., refinery gal. .05102- —
East Coast, Ill., Ind. refinery gal. .06½- —
N. Orleans refinery gal. .06 - —
Wyo., refinery gal. .07½- —
Atropine, vis. oz. 5.25 - 5.50
Sulphate, vis. oz. 2.25 - 2.85

B

Balm of Gilead buds, bgs. lb. .21 - .23
Barberry bark, bgs. lb. .10 - .11
Root bark, bls. lb. .16 - .17
Barbital, cs. lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton. 42.00 - —
99% 200 mesh, bgs., c.l., works. ton. 45.00 - —
precip., bgs. ton. 56.50 -61.50
Chlorate, kgs. lb. .15½- .17½
Chloride, CP., cryst., bbls. lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works. ton. 72.00 -74.00
l.c.l., delvd., N. Y. ton. 83.00 -87.00
Dioxide, dms. lb. .11 - .15
Fluoride, bbls. lb. .15 - .16
Fluosilicate, bbls. lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. lb. .05¼- .07½
Iodide, bots. lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, cks. lb. .07 - .08¼
Oxide, dms. lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. lb. .13 - —

Barytes, dom., floated, bbls., c.l., St. Louis. ton. 23.65 - —
l.c.l., ex wrhse., Boston. ton. 36.00 - —
Chicago ton. 30.85 - —
Cleveland ton. 33.50 - —
New York ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85 - —
l.c.l., ex car, Baltimore. ton. 30.70 - —
Boston ton. 31.70 - —
Philadelphia ton. 30.50 - —
ex. wrhse., Baltimore. ton. 32.10 - —
Boston ton. 35.20 - —
Chicago ton. 30.85 - —
Cleveland ton. 33.00 - —
Detroit ton. 33.00 - —
Kansas City ton. 30.93 - —
Los Angeles ton. 42.00 - —
New York ton. 31.50 - —
Philadelphia ton. 31.90 - —
San Francisco ton. 42.00 - —
Toronto ton. 39.30 - —
Southern off color, bulk, mines. ton. 12.00 - —
95.75%, bulk, mines ton. 16.00 - —
German, grd., bbls., c.l., ex dock, t.a. ton. 24.00 - —
l.c.l., ex wrhse ton. 29.00 - —
ungrd., bulk, c.l., ex dock. ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a. ton. 29.50 - —
l.c.l., ex wrhse ton. 32.50 - —
Bauxite, bulk, mines ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls. gal. .70 - .75
Bayberry bark, bgs. lb. .07½- .08
Belladonna leaves, bls. lb. .14 - .15
Root, bls. lb. .11 - .12
Bentonite, 1, 98% 300 mesh, bgs., Wyo. works. ton. 16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works. ton. 11.00 - —
Benzaldehyde, tech., dms. lb. .60 - .62
USP, IX, dms. lb. 1.10 - 1.20
USP, X, dms. lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls. lb. .72 - .74
Benzol, 90%, nitration, pure, dms, works gal. .21 - —
tankcars, frt. alld. E. of Omaha. gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms. lb. .40 - .45
Peroxide, cns., works. lb. 1.85 - —
Benzyl acetate, f.f.c., bots. lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins. lb. .90 - 1.20
Chloride, 95-97%, refd., dms. lb. .30 - .40
tech., dms. lb. .25 - .26
Formate, cns. lb. 2.75 - 3.50
Benzylidin acetone, bots. lb. 2.35 - 3.50
Berberine bisulphate, bots. lb. 13.00 - —
Hydrochloride, bots. lb. 13.00 - —
Sulphate, bots. lb. 14.75 - —
Berberis root, bls. lb. .09 - .10
Betanaphthol, sublm., bbls. lb. .55 - —
tech., bbls. lb. .24 - .27
Benzoate, bxs., kgs. lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs. lb. .53 - .55
Beth root, bls. lb. .10 - .11
Bismuth, chloride, bxs. lb. 3.20 - 3.25
Citrate, USP, VIII, bxs. lb. 2.65 - 2.70
Hydroxide, bxs. lb. 3.15 - 3.20
Metal, ton lots. lb. 1.00 - —
Nitrate, cryst., jars. lb. 1.20 - 1.25
Oxychloride, bxs. lb. 2.95 - 3.00
Subbenzoate, bxs. lb. 3.25 - 3.30

Amyl Alcohol—Black, Bone

Bismuth subcarbonate, fib, dms. lb. 1.40 - 1.45
X-ray, bots., fib, dms. lb. 2.00 - 2.05
Subgallate, bbls. lb. 1.50 - 1.55
Subiodide, bots. lb. 3.88 - 3.98
Subnitrate, powd., bots., fib, dms. lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls. lb. 2.35 - 2.40
Sulphocarbolate, bots. lb. 3.60 - 3.65
Trioxide, powd., bxs. lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns. lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs. lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E. lb. .15 - —
l.c.l., frt. alld. E. lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E. lb. .11½- —
l.c.l., frt. alld. E. lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E. lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E. lb. .08½- —
l.c.l., frt. alld. E. lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E. lb. .07½- —
l.c.l., frt. alld. E. lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E. lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E. lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .08 - —
l.c.l., frt. alld. E. lb. .08½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

THE ENTIRE RANGE OF COAL TAR PRODUCTS

ACIDS
CRESYLIC ACID
HIGH BOILING TAR ACIDS
HIGH BOILING XYLENOLS
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META PARA CRESOL
ORTHO CRESOL
PHENOL
SYMMETRICAL XYLENOS
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U. S. P. CRESOL
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CHEMICALS
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FLUORENE
METHYLNAPTHALENE
RE-NAP NAPHTHALENE
PHENANTHRENE

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FLOTATION OILS
FLOTATION REAGENTS
PICKLING INHIBITORS
PIPE COATING
REILLY CARBON
REILLY TRANSPARENT
PENETRATING CREOSOTE
ROOFING FELT, PITCH AND TAR
TRAFFIC MARKING PAINT
BITUVIA ROAD TAR

PITCH
BATTERY PITCH
BRIQUETTING PITCH
COAL TAR PITCH
CORE PITCH
PAVING PITCH
ROOFING PITCH
PITCH COKE
FUEL PITCH

COAL TAR OILS
LIGHT OILS
NEUTRAL OIL
TAR ACID OILS
LAMP BLACK OIL
INSECTICIDE OIL
DORMANT SPRAY OIL
DISINFECTING OIL
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PIPE DIP TAR
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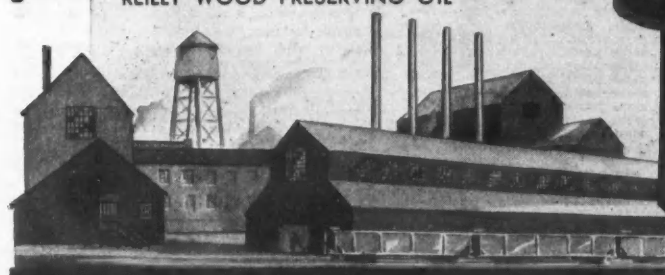

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FOURTEEN PLANTS TO SERVE YOU

Black, Carbon—Chloroform

Black, carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. works.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works....lb. .08¾- —
l.c.l., dlvd. .....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l. works....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal porte)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)...lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0455- —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones.....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, comprad., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.

Charcoal (see C).

Graphite (see G).

Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l. f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —

Black dyes are listed under Dyes.

Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 4.20 - 4.25
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 4.50 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.50 - —
soluble (see Albumen, blood)
Bloodroot, bls .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
Blue, ultramarine, dry, special, 1, bbls., same basis..lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —

Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.

Blue mass, USP., cns., kgs.....lb. .95 - .97
Blue Vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies..lb. .08 - .081
l.c.l., dealers, E. of Rockies...lb. .09 - .095
jobbers, E. of Rockies..lb. .085 - .086
Blueflag root, bls.....lb. .16 - .18
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.23.00 -25.00
c.i.f. Atlantic ports..ton.29.50 -30.00
S.A., bgs., c.i.f. ports..ton.28.00 -28.50
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.17.00 -18.00
import, 1% ammon., 68-70% phos., bgs., c.i.f. ports.ton.24.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs, f.o.b. Chicago..ton.19.00 -21.00
import, 100-lb. bgs., c.i.f. ports..ton.25.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts,80 tons min.. dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00

USP., $15 per ton higher.

Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .06 - .10
l.c.l.,dealers,East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18½
West .....lb. .09½- .11½
jobbers, East.....lb. .08¾- .14¾

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s.,c.l.,works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .60
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .09½- —
5, bbls., same basis.....lb. .09¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06 - —
13, bbls., same basis....lb. .05¾- —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works.lb. .03¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12¼- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06¼- —
10, bbls., same basis....lb. .05¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05½- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia roots, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd, E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt., alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Acohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22¾- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars..lb. 1.54 - 1.69
Iodide, bots, jars.....lb. 3.75 - 3.80
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Sulphide (see Yellow).
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06½- —
dealers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —

Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.

Bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.26.10 - —
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .66 - —
tri-basic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh, c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaC c.l., works..ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, lb. .75 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .60 - .65
Calomel, bxs., kgs.....lb. 1.32 - —
Camphor, natural, powd., cs..lb. .53½- .54½
slabs, cs. .....lb. .53½- .54½
tablets, tins .....lb. .57½- .58½
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .48¼- —
500 lbs. .....lb. .50¼- —
100 lbs. .....lb. .51¼- —
tablets, cs., 2,000 lbs.....lb. .54 - —
500 lbs. .....lb. .56 - —
100 lbs. .....lb. .57 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¾- .07
Morocco, bgs.....lb. .06¾- .07
Turkish, bgs.....lb. .06½- .07
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .15 - .16
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .08½- .09
Carbazole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
95-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
scondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05¼- .08½
tanks .....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08½- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08½- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.00 - 1.30
decorticated, cs.....lb. 1.15 - 1.25
green, bgs.....lb. .95 - .98
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
30%, lump, dms. l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.....lb. .17½- —
5 tons, works.....lb. .17¾- —
smaller lots, works.....lb. .18¾- —
80-100 mesh, bgs., c.l., dlvd..lb. .18 - —
5 tons, works.....lb. .18¼- —
smaller lots, works.....lb. .19¾- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .17 - —
80-100 mesh, bgs., c.l., duty pd..lb. .17½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .18 - .18½
Cassia, Batavia, 1, bgs.....lb. .13¾- .14¼
3, bls.....lb. .07¾- .08¼
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra bls.....lb. .03¾- .04
Saigon, cs.....lb. .17½- .18
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .15 - .16
Castile soap, white, bars, cs., 40 lbs.20.00 - —
powd., bbls.....lb. .22 - .23
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.18.00 - —
import, bgs., c.i.f.,ports, shipment..ton No prices
Catnep leaves, bls.....lb. .21 - .22
Celery seed, French, bgs.....lb. .18¼- .18¾
Indian, bgs.....lb. .13¼- .13¾
Celluloid scrap, amber, cs.....lb. .12 - .13
black, cs., works.....lb. .08 - .09
China white, ivory, cs., works, lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works.....lb. .09 - .10
translucent pastels, cs., works, lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs., works.....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent,bgs.,works, lb. No stocks
Cement, white, bbls. (4 bags), 3 tons, dlvd. N.Y...bbl. 6.10 - —
truck dlvy.....bbl. 7.40 - —
less than 3 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .02 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .23 - .24
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.28.80 - —
Ill., Wis. .....ton.23.00 - —
Indiana .....ton.26.00 - —
Mich., Ohio, Penn..ton.27.80 - —
l.c.l. works.....ton.18.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
90.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt.. 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works, ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .93 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts., dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.30 - —
1-3, works, frt. equald., 100 lbs. 2.55 - —
Chloroacetophenone,tins,works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums, lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —

Chloropicrin, coml., cyls., works, lb.	.80	-	.90
Chrome acetate, bbls.lb.	.05	-	.08
Cake, bulk, c.l., works.ton.	11.00	-	12.00
Green (see Green, chrome)			
Oxide (see Green, chrome oxide)			
Sulphate, pearls, bxs., cns., fib. dms.lb.	.40	-	.45
powd., bxs., cns., fib. dms. lb.	.40	-	.45
scales, bxs., cns., fib. dms.lb.	.45	-	.50
Trioxide (see Acid, chromic)			
Yellow (see Yellow, chrome)			
Chrysarobin, cns.lb.	3.25	-	3.50
Cinchona bark, chips, bgs.lb.	.25	-	.30
high test, bgs.lb.	.45	-	.50
quills, broken, bgs.lb.	.25	-	.30
long, cs.lb.	.55	-	.60
short, bgs.lb.	.50	-	.55
Ecuador, tubes.lb.	.17	-	.35
Cinchonidine, cryst., powd.,cns.oz.	.80	-	.87
Sulphate, cns.oz.	.47	-	—
Cinchonine, cryst., powd., cns.oz.	.50	-	.58
Sulphate, cns.oz.	.34	-	—
Cincophen, USP., bbls.lb.	2.64	-	—
bxs., dms., kgs.lb.	2.75	-	2.90
Cinnamic alcohol (see Alcohol, cinnamic)			
Aldehyde, f.f.c., bots.lb.	1.55	-	2.00
Cinnamon, Ceylon, 2 bls.lb.	.16¾	-	.17¼
3, bls.lb.	.15¾	-	.16¼
Citral, cns.lb.	1.75	-	3.15
Citrine ointment, jars, tubes..lb.	.70	-	—
Citronellal, bots.lb.	1.10	-	1.25
Citronellol, bots.lb.	1.90	-	2.10
Clove, Madagascar, bls.lb.	.15¾	-	.16
Zanzibar, bls.lb.	.15¾	-	.16
Clover tops, bls.lb.	.12	-	.13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl.	7.25	-	—
l.c.l., works.bbl.	8.00	-	—
tanks, works.gal.	.07	-	.09
refd., bbls., c.l., works...bbl.	7.75	-	—
l.c.l., works.bbl.	8.50	-	—
tanks, works.gal.	.08	-	.10
water-gas, crude, dms., c.l., works..dm.	6.75	-	—
l.c.l. works.dm.	7.50	-	—
tanks, works.gal.	.07	-	.08
refd., dms., c.l., works..dm.	7.25	-	—
l.c.l. works.dm.	8.00	-	—
tanks, works.gal.	.08	-	.09
Cobalt acetate, bbls., dlvd.lb.	.58	-	.60
kgs., dlvd.lb.	.65	-	—
Carbonate, tech., bbls., dlvd.lb.	1.42½	-	—
Chloride, dms., works.lb.	.67¾	-	.72¾
Hydrate, bbls.lb.	1.66	-	1.70
Linoleate, paste, 6%, dms...lb.	.31½	-	—
solid, 8½%, bbls.lb.	.32½	-	—
Oleate, bbls.lb.	.26	-	—
Oxide, black, kgs.lb.	1.41	-	1.51
Resinate, fused, A, bbls.lb.	.13	-	—
12%, bbls.lb.	.12½	-	—
25%, bbls.lb.	.16½	-	.17
8%, bbls.lb.	.17½	-	.18
precip., dms., dlvd.lb.	.30½	-	—
Sulphate, dms.lb.	.51	-	.58
Cocaine hydrochloride, cns.oz.	9.75	-	10.00
Cochineal, gray, bgs.lb.	.32	-	.36
Teneriffe, silver, bgs.lb.	.33	-	.37
Cocillana bark, bgs.lb.	.20	-	.21
Cocoa butter, lump, bgs., c.l..lb.	.17	-	.17¼
Codeine, cns., 100 ozs.oz.	11.70	-	11.75
Hydrochloride, cns., 100 ozs..oz.	10.50	-	10.55
Phosphate, cns., 100 ozs.oz.	9.00	-	9.05
Sulphate, cns., 100 ozs.oz.	9.50	-	9.55
Codliver oil (see Oil, codliver)			
Cohosh, black, root, bls.lb.	.07	-	.07½
Blue, root, bls.lb.	.06	-	.06½
Colchicine, vls.oz.	24.00	-	25.00
Colchicum seed, bgs.lb.	.23	-	.25
Collodion, USP, dms.lb.	.12	-	.13
Flexible, USP, dms.lb.	.14	-	.15
Colocynth pulp, bls.lb.	.65	-	.70
Colombo root, bls.lb.	.11	-	.12
Coltsfoot leaves, bgs.lb.	.09	-	.10
Condurango bark, bgs.lb.	.09	-	.10
Conium leaves, bls.lb.	.18	-	.19
Copaiba balsam, Para, cns.lb.	.19	-	.20
S.A., USP, cns.lb.	.21	-	.22
Copper carbonate, 52-59%, bbls.lb.	.14½	-	.16¼
18-20%, bbls.lb.	.07	-	.08
Chloride, bbls.lb.	.17	-	.18
Cyanide, tech., bbls.lb.	.37	-	.38
Iodide, bots.lb.	4.97	-	5.02
Metal, electrolytic.lb.	.09¾	-	—
Oleate, precip., bbls.lb.	.20	-	—
Oxide, black, bbls., tons, works, lb.	.14½	-	—
smaller lots, works.lb.	.15	-	—
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb.	.14	-	—
l.c.l., f.o.b. N. Y.lb.	.15	-	—
Resinate, precip., bbls.lb.	.18	-	.19
Stearate, precip., bbls.lb.	.35	-	.40
Sulphate (see Blue vitriol)			
Copperas, cryst., gran., bgs., c.l., works..ton.	14.00	-	15.00
bbls., c.l., works.ton.	16.00	-	17.00
l.c.l., 25 or over, works.... 100 lbs.	1.35	-	—
5-24, works .....100 lbs.	1.50	-	—
1-4, works .....100 lbs.	2.00	-	—
bulk, c.l., works.ton.	12.00	-	13.00
Copra, bgs., Pacific Coast.lb.	.0360	nom.	
Coriander seed, Morocco, bgs..lb.	.05	-	.05½
bleached, bgs.lb.	.07	-	.07½
Russian, bgs.lb.	No stocks.		
Corn sugar, tanners, bbls., dlvd. 100 lbs.	4.03	-	—
ex whse.100 lbs.	3.93	-	—
Syrup, 42°, bbls.100 lbs.	3.95	-	—
43°, bbls.100 lbs.	4.05	-	—
Cornsilk, bls.lb.	.07½	-	.08
Corrosive sublimate, cryst., bxs., fib. dms., kgs..lb.	1.14	-	—
gran., bxs., fib. dms., kgs.lb.	.99	-	—
powd., bxs., fib. dms., kgs...lb.	.99	-	—
Cottonroot bark, bls.lb.	.12	-	.13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton.	1.00	-	—
Coumarin, cns.lb.	3.10	-	3.35
Cramp bark, genuine, bls.lb.	.20	-	.21
so-called, bls.lb.	.07	-	.08
Cranesbill root, bls.lb.	.10	-	.11
Cream tartar, cryst., bbls.lb.	.16¾	-	.17¼
kgs.lb.	.17¼	-	.17¾
gran., bbls.lb.	.16¼	-	.16¾
kgs.lb.	.16¾	-	.17¼
powd., bbls.lb.	.16¼	-	.16¾
kgs.lb.	.16¾	-	.17¼
Creosote, wood, beech., bots..lb.	.70	-	.75
pine, dms.gal.	.29	-	—
USP, bots.lb.	.45	-	.47
Carbonate, bots., cbys.lb.	1.40	-	1.75
Oil, crude, I, tanks, works.gal.	.12½	-	.13½
II (coaltar solution), tanks, works..gal.	.10	-	.12
refd., bbls., c.l., works..gal.	.22½	-	—
l.c.l., works.gal.	.25	-	—
tanks, works.gal.	.12	-	.13½
Cresol, USP., dms.lb.	.10	-	.10½
Crotonaldehyde, tech., dms., c.l., works..lb.	.26	-	—
l.c.l., works.lb.	.30	-	—

Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb.	.33¼	-	—
1 ton, same basis.....lb.	.35	-	—
1,000 lbs., same basis.lb.	.36	-	—
1 bbl., same basis.....lb.	.38	-	—
4% rotenone, bbls., 5 tons, same basis..lb.	.33¼	-	—
1 ton, same basis.....lb.	.35	-	—
1,000 lbs., same basis.lb.	.31	-	—
1 bbl., same basis.....lb.	.33	-	—
3% rotenone, bbls., 5 tons, same basis..lb.	.24¼	-	—
1 ton, same basis.....lb.	.26	-	—
1,000 lbs, same basis.lb.	.27	-	—
1 bbl., same basis.....lb.	.29	-	—
Cubeb berries, XX, bgs.lb.	.35	-	.36
powd., cs.lb.	.39	-	.40
Culver's root, bls.lb.	.16	-	.17
Cumin seed, Algerian, bgs.lb.	.09¾	-	.10¼
Indian, bgs.lb.	.09¼	-	.09½
Morocco, bgs.lb.	.11¾	Nom.	
Cutch, Philippine, bls., c.l.lb.	.04	-	—
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd.interior, NH_3 unit.	1.07½	-	—
Atlantic ports, NH_3 unit.	1.03	-	—
Cyanide-chloride mixture, 75%, gran., dms..lb.	.16	-	.17
lump, dms.lb.	.14	-	.15

D

Damiana leaves, bls.lb.	.14	-	.16
Dandelion root, German, bls..lb.	.20	-	.21
Deertongue leaves, bls.lb.	.08	-	.09
Degras, common, dom., bbls..lb.	.05½	-	.06
English, bbls.lb.	.05¾	-	.06¼
Japanese, bbls.lb.	.07	-	.07¾
neutral, dom., bbls.lb.	.06¾	-	.10½
English, bbls.lb.	.09	-	.09½

Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.lb.	.42	-	—
1 ton, same basis.....lb.	.44	-	—
1,000 lbs., same basis.lb.	.46	-	—
1 bbl., same basis.....lb.	.42	-	—
4% rotenone, bbls., 5 tons, same basis..lb.	.37	-	—
1 ton, same basis.....lb.	.39	-	—
1,000 lbs., same basis.lb.	.40	-	—
1 bbl., same basis.....lb.	.42	-	—
3% rotenone, bbls., 5 tons, same basis..lb.	.29	-	—
1 ton, same basis.....lb.	.32	-	—
1,000 lbs., same basis.lb.	.35	-	—
1 bbl., same basis.....lb.	.37	-	—
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs.	4.75	-	—
l.c.l., f.o.b. Chicago..100 lbs.	5.05	-	—
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs.	4.50	-	—
l.c.l., f.o.b. Chicago..100 lbs.	4.70	-	—
white, bgs., c.l., f.o.b. Chicago 100 lbs.	4.45	-	—
l.c.l., f.o.b. Chicago..100 lbs.	4.75	-	—
Potato, import., bgs.lb.	.07¾	-	.08¼
Tapioca, bgs., ex whse.....lb.	.06	-	—
Diamyl ether, dms., c.l., works. lb.	.065	-	—
l.c.l., works.lb.	.082	-	—
tanks, works.lb.	.075	-	—
Phthalate, dms., c.l., dlvd..lb.	.19	-	—
l.c.l., dlvd.lb.	.19¼	-	—
5-gal. dms., works.lb.	.23	-	—
tanks, dlvd.lb.	.18	-	—
Sulphide, dms., l.c.l., works.lb.	1.10	-	—
Diamylamine, dms., l.c.l., works lb.	.75	-	—
Diamylene, dms., c.l., works.lb.	.065	-	—
l.c.l., works.lb.	.102	-	—
tanks, works.lb.	.065	-	—
Dianisidin, bbls.lb.	2.25	-	2.45

Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.	32.00	-	35.00
l.c.l., ex whse.ton.	45.00	-	150.00
import., bgs., c.l., f.o.b. N.Y. ton.	40.00	-	—
Dibutyl phthalate, dms.lb.	.13	-	.13¾
Tartrate, dom., dms.lb.	.35	-	.40
import., dms.lb.	.30	-	.35
Dicalcium phosphate (see Calcium phosphate, dibasic)			
Dichloroethyl ether, dms., c.l., works..lb.	.16	-	—
l.c.l., works.lb.	.17	-	—
tanks, works.lb.	.15	-	—
Dichloropentanes, dms., c.l., works..lb.	.023	-	—
l.c.l., works.lb.	.04	-	—
tanks, works.lb.	.025	-	—
Diethanolamine, dms.lb.	.81	-	.85
Diethyl carbonate, coml., dms.lb.	.31¾	-	—
refd., 99%, dms.lb.	.50	-	—
Carbinol (see Carbinol)			
Phthalate, dms., c.l.lb.	.18½	-	—
l.c.l.lb.	.19	-	—
tanks lb.	.17½	-	—
Diethylaniline, dms.lb.	.53	-	.54
Diethylene oxide, dms., c.l., works lb.	.20	-	—
l.c.l., works.lb.	.21	-	.24
tanks, works.lb.	.19	-	—
Diethyleneglycol, dms., c.l., works lb.	.16½	-	—
l.c.l., works.lb.	.17½	-	—
Monobutylether, dms., works.lb.	.20	-	.27
Monoethylether, dms., c.l., works..lb.	.16	-	—
l.c.l., works.lb.	.17	-	—
tanks, works.lb.	.15	-	—

SCULPTURED IN METAL BY L. L. BALCOM

TO be the first to penetrate the Canadian wilderness in the face of danger and privation took an iron will and dauntless courage. But Samuel de Champlain, doughtiest of the cavaliers, had those qualities in abundance. His the pioneer spirit that achieves against discouraging odds. Centuries later, similar courage and will were displayed by EBG engineers when they were first to produce Liquid Chlorine in America . . . and the first to adapt it to many new industrial uses — in spite of indifference and scepticism. But theirs the pioneering spirit, too. And so an industry was born which now steadily contributes to the wealth of a nation through better manufacturing processes and to the health of a nation through safer and more effectual water purification.

ELECTRO BLEACHING GAS COMPANY, MAIN OFFICE: 9 EAST 41st STREET, NEW YORK, N. Y. • PLANT: NIAGARA FALLS, N. Y.

EBG Liquid Chlorine

Digitalis—Ethylbenzylanilin

Digitalis leaves, dms.....lb. .23 - .25
Diglycol oleate, light, bbls lb .34 - —
Dill seed, dewhiskered, polished, bgs..lb. .07 - .07½
recleaned, bgs.....lb. .06½- .06¾
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- .16½
oily, dms.....lb. .06½- .10
Dierthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .21 - .23
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .25 - —
600-1,950 lbs., dlvd.....lb. .26 - —
150-450 lbs., dlvd.....lb. .27 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.32.00 -35.00
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb 12 - 14
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .05½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vls.....oz.34.00 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.15 - 1.35
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 2.60 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .80 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .85 - .90
365 Chrysophenin G.....lb. .55 - .70
384 Direct violet N.....lb. 1.25 - 1.30
383 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BBN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF...lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - 45
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 2GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .50 - .60
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .90
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher: f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1076 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 8.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
358 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Dyes, coaltar for stains (numbers are those colour index scale):—
Oil soluble:—
1069 Anthrequinone violet base..lb. 6.00 -
680 Oil violet.....lb. .50 -
Yellow:—
15 Amidoazobenzene yellow..lb. .99 -
17 Amidoazotoluene yellow..lb. .75 -
61 Yellow OB.....lb. 1.40 -
Spirit-soluble (prices in barrels of 200 each; lots of 25 lbs. to a barrel, 3c. lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 -
Blue:—
729 Victoria blue.....lb. 2.55 -
860 Indulin .....lb. .70 -
Brown:—
831 Bismarck brown.....lb. 1.50 -
Green:—
657 Malachite green base.lb. 2.00 -
Orange:—
20 Chrysoidin G.....lb. .95 -
21 Chrysoidin R.....lb. .95 -
Red:—
677 Fuchsin, magenta base. lb. 7.35 -
749 Rhodamine B.....lb. 4.75 -
Yellow:—
17 Amidoazotoluene yellow..lb. .75 -
655 Auramine .....lb. 2.00 -
800 Chinolin yellow SS..lb. 3.00 -
Violet:—
680 Methyl violet.....lb. 1.30 -
Water-soluble (prices in barrels of 250 each; lots of 25 lbs. to a barrel, 3c. lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 -
865 Nigrosin .....lb. .36 -
873 Methylene gray.....lb. 1.50 -
Blue:—
714 Patent blue A.....lb. 1.60 -
729 Victoria blue B.....lb. 2.00 -
861 Indulin .....lb. .87 -
900 New blue R.....lb. 1.30 -
922 Methylene blue.....lb. 1.00 -
1054 Alizarin saphirol B..lb. 1.90 -
1180 Indigotin IA.....lb. .85 -
Brown:—
234 Resorcin brown Y...lb. .65 -
235 Resorcin dark brown R. lb. .66 -
831 Bismarck brown G..lb. .53 -
832 Bismarck brown R..lb. .57 -
795 Phosphin .....lb. 4.65 -
Green:—
5 Naphthol green B...lb. 1.00 -
657 Malachite green.....lb. 1.35 -
662 Brilliant green.....lb. 2.00 -
666 Guinea green B.....lb. 1.15 -
727 Wool green S.....lb. .58 -
924 Methylene green B..lb. 1.85 -
1078 Alizarin cyanin green. lb. 2.25 -
Orange:—
20 Chrysoidin G.....lb. .40 -
21 Chrysoidin R.....lb. .37 -
27 Orange G.....lb. .50 -
151 Orange Y.....lb. .30 -
161 Orange R.....lb. .34 -
Red:—
81 Amidonaphthol red G. lb. .42 -
87 Amidonaphthol red 6B. lb. .63 -
79 Ponceau R.....lb. .49 -
88 Fast red B.....lb. 1.05 -
176 Fast red A.....lb. .54 -
179 Azorubin .....lb. .52 -
185 Crocein scarlet 3BX.lb. .60 -
186 Cochineal red A....lb. .60 -
252 Brilliant crocein M.lb. .68 -
677 Fuchsin .....lb. 1.90 -
749 Rhodamine B.....lb. 3.50 -
752 Rhodamine 6G.....lb. 4.50 -
766 Eosin G.....lb. 1.50 -
841 Safranin .....lb. 1.45 -
Violet:—
680 Methyl violet B.....lb. .33 -
681 Crystal violet C.....lb. 1.75 -
824 Acid violet 4BN.....lb. .35 -
Yellow:—
10 Naphthol yellow S..lb. .33 -
188 Metanil yellow.....lb. .33 -
636 Fast light yellow...lb. 1.25 -
639 Xylene light yellow.lb. 1.15 -
640 Tartrazin .....lb. .90 -
655 Auramine .....lb. 1.27 -
Dyes, natural (see name of article).

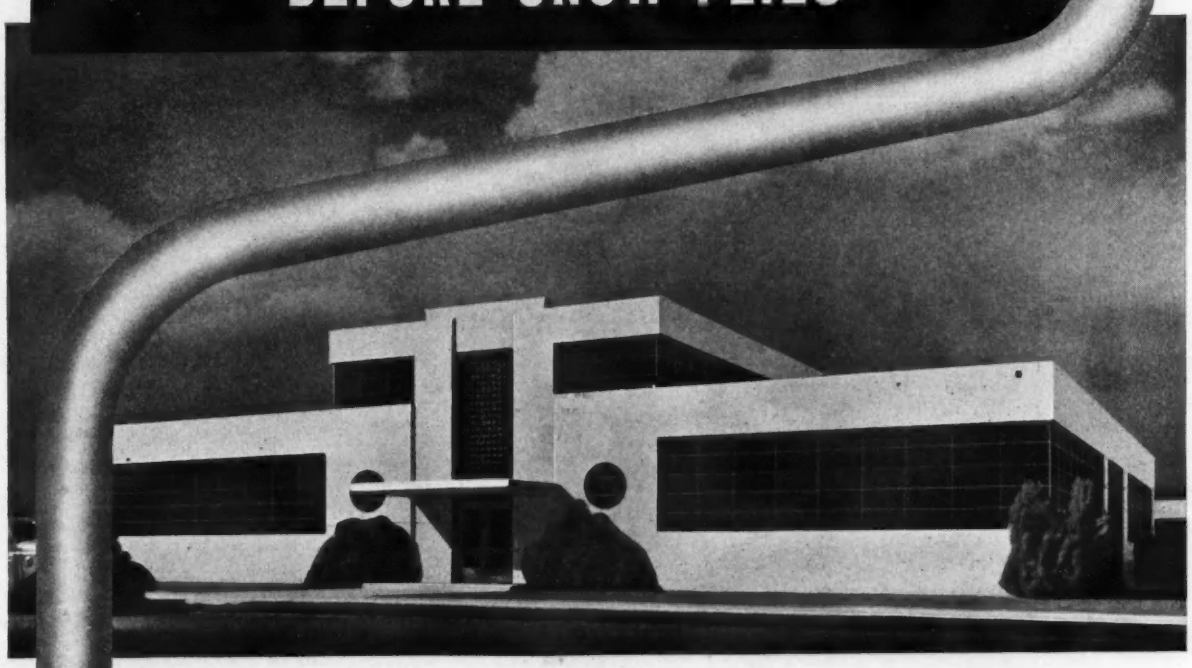
E

Echinacea root, bls.....lb. .19 - .2
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom
import, cs.....lb. .50 - .5
Elder flowers, bright, bls.....lb. .20 - .2
dark, bls.....lb. .19 - .2
Elecampane root, bls.....lb. .09 - .1
Elm bark, grinding, bls.....lb. .11 - .1
powd., bbls., bxs.....lb. .20 - .2
select, bndls., cs.....lb. .17 - .1
Emetine hydrochloride, bots., vls. oz.15.00 -15.2
Ephedra, bls.....lb. .06 - .0
Ephedrine, tins, 100 ozs.....oz. 1.00 -
Hydrochloride, tins, 100 ozs..oz. 1.00 -
Sulphate, cryst., tins, 100 ozs.oz. 1.00 -
powd., tins, 100 ozs.....oz. 1.05 -
Epsom salt, tech., bgs....100 lbs. 1.70 -
bbls. .....100 lbs. 1.80 -
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 -
bbls., c.l.....100 lbs. 2.00 -
l.c.l. .....100 lbs. 2.35 - 2.6
import, bgs.....100 lbs. 2.00 -
dried, dom., bgs., l.c.l...lb. .06 - .0
Ergot, USP, cs., dms.....lb. 2.25 Nom
Eserine, bots., vls.....oz.42.00 -42.2
Salicylate, bots., vls.....oz.29.00 -29.2
Sulphate, bots., vls.....oz.30.00 -30.2
Ether, acetic, dms.....lb. .10 - .1
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .7
Sulphuric, conc., dms.....lb. .09 -
synth., dms., c.l., works...lb. .08 -
l.c.l., works.....lb .09 -
USP, anesthesia, dms.....lb. .26 - .2
USP, 1880, dms.....lb. .39 - .4
washed, dms.....lb. .37 - .3
Ethyl acetate, dms., c.l., frt. alld. lb. .07 -
l.c.l., frt. alld.....lb. .07½-
tanks, frt. alld.....lb. .06 -
anhyd., dms., c.l., frt. alld.lb. .08 -
l.c.l., frt. alld.....lb. .08½-
tanks, frt. alld.....lb. .07 -
Bromide, tech., dms.....lb. .50 - .5
Caproate, cns.....lb. 1.00 -
Chloride, dms.....lb. .22 - .2
Cinnamate, bots.....lb. 3.40 - 4.2
Crotonate, dms., works.....lb. 1.00 - 1.2
Formate, dms.....lb. .27 - .2
Iodide, bots.....lb. 5.55 - 5.6
Lactate, 55-gal. dms., works.lb. .33 -
5-gal. dms., works.....lb. .36 -
Oxalate, dms.....lb. .30 - .3
Ethylbenzylanilin, dms. .....lb. .88 - .9

YOU CAN MOVE INTO THIS MODERN

Smooth Flowing PLANT

BEFORE SNOW FLIES



In the processing industry, QUICK AND SOUND EXPANSION has become increasingly important during the last few months. Many manufacturers have begun to "out-peak" the peaks of '29 and '30. Not merely larger working areas, but better production facilities . . . modern smooth flowing plants . . . will be required *quickly* if customer demands are to be most profitably met.

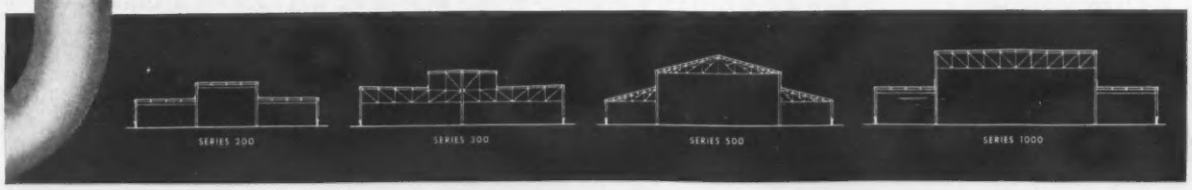
As a result of many new and modern building designs Austin is prepared to make quick deliveries of many different types of structures which meet a wide variety of processing production needs. The owners' individual requirements are fully met by Austin's plan of co-ordination and co-operation which embraces design, engineering, layout, construction and building equipment. Consultation with Austin has resulted in worth-while advantages for many manufacturers in the processing industry . . . may do the same for you.

THE AUSTIN COMPANY

ENGINEERS AND BUILDERS

16112 Euclid Avenue, Cleveland, Ohio—*Offices in Principal Cities*

THE AUSTIN METHOD



Ethylene bromide, dms.	lb.	.65 -	.70
Dichloride, dms., dlvd.	lb.	.05½-	.0994
Ethyleneglycol, dms., c.l.	lb.	.17 -	—
l.c.l.	lb.	.18 -	.21
tanks	lb.	.16 -	—
Monobutylether, dms., c.l., works	lb.	.20 -	—
l.c.l., works	lb.	.21 -	.24
tanks, works	lb.	.19 -	—
Monoethylether, dms., c.l., works	lb.	.16	—
l.c.l., works	lb.	.17 -	—
tanks, works	lb.	.15 -	—
Monoethylether acetate, dms., c.l., works	lb.	.14 -	—
l.c.l., works	lb.	.15 -	—
tanks, works	lb.	.13 -	—
Monomethylether, dms., c.l., works	lb.	.19 -	—
l.c.l., works	lb.	.20 -	.23
tanks, works	lb.	.18 -	—
Ethylidinanilin, dms.	lb.	.45 -	.47½
Ethylmethyl ketone, dms., c.l., frt. pd.	lb.	.07½-	—
l.c.l., frt. pd.	lb.	.08 -	—
tanks, frt. pd.	lb.	.06½-	—
Ethylorthoparatoluenesulphonamide, bbls.	lb.	.55 -	—
Ethylparatoluenesulphonamide, bbls.	lb.	.60 -	—
Eucalyptol, cns.	lb.	.51	.52
Eucalyptus leaves, bls.	lb.	.06 -	.07
Eugenol, cns.	lb.	1.75 -	2.25
Euphorbia, bls.	lb.	.06 -	.06½

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00 -	15.00
glass, 20 mesh, bulk, works.	ton.	11.00 -	12.25
pottery, bulk, Me. works.	ton.	17.00 -	19.00
N.C. works.	ton.	17.00 -	19.00
Fennel seed, French type, bgs.	lb.	.07½-	.08
India, bgs.	lb.	.07½-	.08
German, large, bgs.	lb.	.18 -	.19
small, bgs.	lb.	.13 -	.14
Fenugreek seed, bgs.	lb.	.04½-	.05
Ferric sulphate, dms., works.	ton.	35.00 -	40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works	lb.	.12¾-	.13
smaller lots, E. works.	lb.	.12½-	.13
light, cs., 1,000 lbs. or over, E. works.	lb.	.14 -	.15
smaller lots, E. works.	lb.	.15 -	.16
water white, cs., 1,000 lbs. or over, E. works.	lb.	.15 -	.18
smaller lots, E. works.	lb.	.16 -	.19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.			
Fir balsam, Canada, cns.	gal.	9.00 -	10.00
Oregon, bbls.	gal.	.90 -	1.10
Fish berries, bgs.	lb.	.10 -	.11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futurss	unit-ton.	3.25 &	.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	47.00	-48.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts	unit-ton.	No prices	
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports.	unit-ton.	3.70&10	Nom.
Japanese, 11½% ammon., bgs., c.i.f. ports, shipt., No. 1 grade.	ton.	43.50 -	—
Flake white, bbls., kgs.	lb.	.09¾-	.10¼
Flaseed, French, black, bgs.	lb.	.12½-	.13
Indian, blonde, bgs.	lb.	.09 -	.09¼
Fluorspar, enamel, 96-98%, bgs.,	ton.	31.00	-35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.	ton.	18.00 -	—
import., bulk, Atlantic ports, duty-paid.	ton.	21.25	-21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines.	ton.	20.00 -	—
powd., 97%, import., bgs., Atlantic ports, duty paid.	ton.	31.00	-33.00
Formaldehyde, bbls., c.l., works,	lb.	.06 -	—
l.c.l., works	lb.	.06½-	.07
Fringetree bark, bls.	lb.	.11 -	.12
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines.	ton.	10.00 -	—
import., bgs., c.l., ex dock.	ton.	23.00 -	—
l.c.l., ex whse.	ton.	30.00 -	—
Furfural, refd., dms., c.l., works	lb.	.15 -	—
l.c.l., works	lb.	.17½-	.25
tech., dms., contracts, 150,000 lbs., works.	lb.	.10 -	—
c.l., works	lb.	.12½-	—
Fusel oil, refd., dms. incl., dlvd.	lb.	.16 -	.18
Fustic extract, cryst., bbls.	lb.	.20 -	.22
liquid, bbls.	lb.	.06½-	.09
solid, dms.	lb.	.16 -	.18

G

G salt, bbls.	lb.	.45 -	.47
Galangal root, bls.	lb.	.08 -	.09
Gall extract, bbls.	lb.	.18 -	.20
Gambier, common, bgs.	lb.	.06¾	Nom.
plantation, bgs.	lb.	.09	Nom.
Cubes, Singapore, bgs.	lb.	.07 -	.08½
Extract, bbls.	lb.	.08	.10
Gasoline, at refinery:—			
Bayonne, US motor, 62-63 octane, tanks.	gal.	.06¾-	—
65 octane, tanks.	gal.	.07 -	—
above 65 octane, tanks.	gal.	.0755-	—
California, 56-58, 375 e.p., tanks.	gal.	.06 -	—
Gulf Coast, US motor, bulk, export.	gal.	.05¼-	—
60-62, 390 e.p., bulk, export.	gal.	.05¾-	.06½
60-62, 400 e.p., bulk, export.	gal.	.05¾-	—
64-66, 375 e.p., bulk, export.	gal.	.05½-	—
Louisiana-Arkansas, US motor, tanks.	gal.	.04¼-	.04¾
58-60, 450 e.p., tanks.	gal.	.04¼-	.04¼
64-66, 375 e.p., tanks.	gal.	.03¾-	.03¾
68-70, 350 e.p., tanks.	gal.	.04¾-	.04¾
Oklahoma-Texas, US motor, 62 octane and below, tanks.	gal.	.04½-	.04¾
63-67 octane, tanks.	gal.	.04¾-	.04⅞
68-70 octane, tanks.	gal.	.05½-	.05¾
60-62, 400 e.p., tanks.	gal.	.04¾-	.05
64-66, 375 e.p., tanks.	gal.	.05¾-	.05½
natural, 12-lb. v.p., tanks.	gal.	.05¼-	.05¾
14-lb. v.p., tanks.	gal.	.03½-	—
18-lb. v.p., tanks.	gal.	.0420-	.04½
22-lb. v.p., tanks.	gal.	.02¾-	—
26-70-lb. v.p., tanks.	gal.	.03½-	.03¾
Gasoline, at refinery, Pennsylvania, US motor, tanks.	gal.	.05⅞-	—
55-os, 400 e.p., naphtha, tanks.	gal.	.05¾-	—
60-63, 400 e.p., strt. run, tanks.	gal.	.06	—
Gasoline, tankwagon and service station (Federal and State taxes included):—		f.w.	s.s.
Atlanta	gal.	.205	.225
Boston	gal.	.14	.16
Chicago	gal.	.155	.175
Cincinnati	gal.	.175	.195
Denver	gal.	.19	.21
Louisville	gal.	.19	.21
Minneapolis	gal.	.161	.181
New Orleans	gal.	.185	.23
New York	gal.	.15 -	.182
San Francisco	gal.	.17	.19
Gelatin, silver, cs.	lb.	.50 -	.55
Geisemium root, bls.	lb.	.12 -	.13
Gentian root, bls.	lb.	.11½-	.13
grd., bbls., bxs.	lb.	.13 -	.14
powd., bbls., bxs.	lb.	.14 -	.15
Geraniol, cns.	lb.	.75 -	3.00
Geranyi acetate, bots.	lb.	1.75 -	2.00
Ginger root, Africa, bgs.	lb.	.16 -	.16½
Cochin, lemon, bgs.	lb.	.17¾-	.18¼
Jamaica, bold, bgs.	lb.	.19 -	.21
grinding, bright, bgs.	lb.	.13¾-	.14½
medium, bold, bgs.	lb.	.13¼-	.13¾
Japanese, bgs.	lb.	.16½-	.17
Ginseng fibers, cs.	lb.	1.75 -	2.00
Root, cultivated, cs.	lb.	2.00 -	4.00
wild, Southern, cs.	lb.	6.00 -	7.00
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., dom., bgs., 5 tons or over.	100 lbs.	.85 -	—
smaller lots.	100 lbs.	1.00 -	—
bbls., 5 tons or over.	100 lbs.	.95 -	—
smaller lots.	100 lbs.	1.10 -	—
import., bgs.	100 lbs.	1.05 -	1.25
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.11 -	—
l.c.l., dlvd.	lb.	.11¼-	—
28/58, bgs., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd.	lb.	.12 -	—
58/82, bgs., c.l., dlvd.	lb.	.12¼-	—
l.c.l., dlvd.	lb.	.13 -	—
48/108, bgs., c.l., dlvd.	lb.	.13 -	—
l.c.l., dlvd.	lb.	.13¼-	—
Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest.	lb.	.13½-	—
l.c.l., same basis	lb.	.14 -	—
60/164, bgs, c.l., same basis.	lb.	.15 -	—
l.c.l., same basis	lb.	.15½-	—
67/192, bgs, c.l., same basis.	lb.	.16 -	—
l.c.l., same basis	lb.	.16½-	—
75/222, bgs., c.l., same basis.	lb.	.17 -	—
l.c.l., same basis	lb.	.18 -	—
83/251, bgs., c.l., same basis.	lb.	.18 -	—
l.c.l., same basis	lb.	.19 -	—
92/283, bgs., c.l., same basis.	lb.	.19 -	—
l.c.l., same basis	lb.	.20 -	—
102/315, bgs., c.l., same basis	lb.	.19½-	—
l.c.l., same basis	lb.	.20½-	—
118/347, bgs., c.l., same basis	lb.	.20½-	—
l.c.l., same basis	lb.	.21½-	—
135/379, bgs, c.l., same basis	lb.	.21½-	—
l.c.l., same basis	lb.	.22½-	—
Glue prices for barrel packing, ¼c. lb. higher; grinding charge, 20-40 mesh, ¼c. lb.; 60 mesh, 1c. lb.			
Glycerin, C. P., cns., l.c.l.	lb.	.19½-	.20½
dms., extra, c.l.	lb.	.17½-	—
l.c.l.	lb.	.18 -	.19
dynamite, dms., extra, c.l.	lb.	.17½-	—
l.c.l.	lb.	.18 -	.19
saponification, basis 88%, dms. returnable, dlvd.	lb.	.14 -	.15
soapiye, basis 80%, dms. returnable, dlvd.	lb.	.13 -	.14
yellow, distilled, dms. extra, c.l.	lb.	.17¾-	—
l.c.l.	lb.	.17¾-	—
Glycol boriborate, dms.	lb.	.22 -	—
Phthalate, dms.	lb.	.29 -	—
Stearate, dms.	lb.	.23 -	—
Gold, U.S. purchase price	oz.	35.00	—
Chloride, acid, brown, bots.	oz.	21.75	-22.00
yellow, bots.	oz.	19.75	-20.00
Gold-soda chloride, photo., bots.	oz.	13.00	- —
USP IX, bots.	oz.	14.50	-14.75
Gold of pleasure seed, bgs.	lb.	.14	Nom.
Golden seal root, bls.	lb.	2.85	- 2.90
powd., bxs.	lb.	3.00	- 3.05
Grains of paradise, bgs.	lb.	.09	- .10
Graphite, flake (cryst.), 50% 325 mesh, 50% graphitic carbon, bgs., c.l., works.	lb.	.05 -	—
bbls., c.l., works	lb.	.05¼-	—
l.c.l., works	lb.	.05½-	—
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.	lb.	.02½-	—
bbls., c.l., works	lb.	.02¾-	—
l.c.l., works	lb.	.03½-	—
80% graphitic carbon, bgs., c.l., works.	lb.	.03½-	—
bbls., c.l., works	lb.	.03¾-	—
l.c.l., works	lb.	.04½-	—
Grease, house, trcs.	lb.	.06 -	.06½
white, trcs.	lb.	.06¾-	.08¾
yellow, trcs.	lb.	.06 -	.06½
Wool (see Adeps lanae and Degras)			
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.20 -	—
6-10%, bbls., same basis.	lb.	.21 -	—
11-15%, bbls., same basis.	lb.	.22 -	—
16-20%, bbls., same basis.	lb.	.23½-	—
21-25%, bbls., same basis.	lb.	.24 -	—
26-30%, bbls., same basis.	lb.	.25½-	—
31-35%, bbls., same basis.	lb.	.24½-	—
36-40%, bbls., same basis.	lb.	.26 -	—
41-45%, bbls., same basis.	lb.	.27½-	—
46-50%, bbls., same basis.	lb.	.29 -	—
over 50%, bbls., same basis	lb.	.30 -	—
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b Chicago.			
reduced C.P. color content up to 5%, bbls., same basis.	lb.	.05¾-	—
6-10%, bbls., same basis.	lb.	.06¼-	—
11-13%, bbls., same basis.	lb.	.07 -	—
14-16%, bbls., same basis.	lb.	.07¼-	—
17-19%, bbls., same basis.	lb.	.07½-	—
20-21%, bbls., same basis.	lb.	.07¾-	—
22-23%, bbls., same basis.	lb.	.08 -	—
24-25%, bbls., same basis.	lb.	.08¼-	—
26-27%, bbls., same basis.	lb.	.08½-	—
28-29%, bbls., same basis.	lb.	.09 -	—
30-31%, bbls., same basis.	lb.	.09¾-	—
32-33%, bbls., same basis.	lb.	.11 -	—
34-35%, bbls., same basis.	lb.	.12 -	—
36-40%, bbls., same basis.	lb.	.14 -	—
41-45%, bbls., same basis.	lb.	.16 -	—
46-50%, bbls., same basis.	lb.	.16½-	—
51-55%, bbls., same basis.	lb.	.17 -	—
56-60%, bbls., same basis.	lb.	.17½-	—
61-65%, bbls., same basis.	lb.	.18 -	—
66-70%, bbls., same basis.	lb.	.19 -	—
71-75%, bbls., same basis.	lb.	.20 -	—
Green, chrome oxide, dom. pure, bbls., contract for open order, c.l., same basis as chrome CP.	lb.	.17 -	—
l.c.l. same basis.	lb.	.18 -	.20
ceramic, light shades, bbls., c.l., works.	lb.	.26 -	—
l.c.l., works.	lb.	.28 -	—
standard grade, bbls., works.	lb.	.23 -	—
import, bbls., kgs., f.o.b. N.Y.	lb.	.21	Nom.
Paris (see P)			
Verdigris (see V)			
Green dyes are listed under Dyes.			
Grindelia robusta, bls.	lb.	.08½-	.10
Guaiac resin, cs.	lb.	.45 -	.50
strained, cs.	lb.	.95 -	1.00
Wood, bls.	lb.	.04 -	.06
Guaiacol, liq., djns.	lb.	1.65 -	1.93
Carbonate, bxs., kgs.	lb.	2.15 -	2.40
Guarana, powd., cs.	lb.	.65 -	.70
Gum, aloe (see A)			
Ammoniac, tears, cs.	lb.	.90 -	.95
Arabic, amber sorts, cleaned, bgs.	lb.	.09¾-	.10
white, sorts, 1, bgs.	lb.	.27 -	.28
2, bgs.	lb.	.23 -	.26
powd., bbls.	lb.	.13 -	.14
Asafetida (see A)			
Gum, asphaltum (see A)			
Benzoin, Siam, cs.	lb.	1.15 -	1.65
Sumatra, cs.	lb.	.16 -	.17
Camphor (see C)			
Chicle, bgs.	lb.	.35 -	.40
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N.Y. or San Fran.	lb.	.42¾-	—
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l prices are ½c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.			
1, cloudy white, bgs., c.l., same basis.	lb.	.26½-	—
2, selected pale straw bold, bgs., c.l., same basis.	lb.	.19½-	—
4, pale bold straw, bgs., c.l., same basis.	lb.	.17¼-	—
5, pale straw bold, bgs., c.l., same basis.	lb.	.14¼-	—
6, pale amber bold, bgs. c.l., same basis.	lb.	.12¼-	—
7, pale straw bold, bgs., c.l., same basis.	lb.	.14¼-	—
8, light amber bold, bgs., c.l., same basis.	lb.	.11¼-	—
9, medium light amber bold, bgs., c.l., same basis.	lb.	.09 -	—
10, rescraped hard amber bold, bgs., c.l., same basis	lb.	.09¾-	—
11, hard dark amber bold, bgs., c.l., same basis.	lb.	.07¼-	—
12, selected bold sorts, bgs., c.l., same basis.	lb.	.06¼-	—
13, dark sorts bold, bgs., c.l., same basis.	lb.	.05½-	—
14, selected, fully scraped ivory, bgs., c.l., same basis.	lb.	.18 -	—
15, ordinary ivory sorts, bgs., c.l., same basis.	lb.	.06¾-	—
16, inferior ivory sorts, bgs., c.l., same basis.	lb.	.05¼-	—
17, pale fingers, bgs., c.l., same basis.	lb.	.16¼-	—
18, pale straw nubs, bgs., c.l., same basis.	lb.	.11¼-	—
19, pale straw nubs, bgs., c.l., same basis.	lb.	.10¾-	—
20 hard dark amber nubs, bgs., c.l., same basis.	lb.	.06½-	—
21, ordinary selected nubs, c.l., same basis.	lb.	.05¾-	—
22, small mixed nubs, bgs., c.l., same basis.	lb.	.05¾-	—
23, dark mixed nubs, bgs., c.l., same basis.	lb.	.05¾-	—
24, No. 1, ivory nubs, bgs., c.l., same basis.	lb.	.13 -	—
25, No. 2 natural ivory nubs, bgs., c.l., same basis.	lb.	.05¾-	—
26, pale bold chips, bgs., c.l., same basis.	lb.	.06 -	—
27, pale small chips, bgs., c.l., same basis.	lb.	.05½-	—
28, pale dust, bgs., c.l., bgs., same basis.	lb.	.04¾-	—
East India, Batu, bold scraped, bgs., c.l., same basis.	lb.	.05¾-	—
unscraped, bgs., c.l., same basis.	lb.	.04 -	—
chips, bgs., c.l., same basis	lb.	.05¼-	—
dust, bgs., c.l., same basis.	lb.	.05¾-	—
nubs and chips, bgs., c.l., same basis.	lb.	.06¾-	—
black, bold, scraped, bgs., c.l., same basis.	lb.	.06¾-	—
unscraped, bgs., c.l., same basis.	lb.	.04 -	—
nubs and chips, bgs., c.l., same basis.	lb.	.04½-	—
Hiroe Macassar, pale, bold, bgs, c.l., same basis.	lb.	.12¾-	—
chips, bgs., c.l., same basis.	lb.	.06¼-	—
dust, bgs., c.l., same basis	lb.	.05¾-	—
nubs, bgs., c.l., same basis.	lb.	.11¼-	—
Singapore Rawak, bold, bgs., c.l., same basis.	lb.	.15½-	—
chips, bgs., c.l., same basis	lb.	.04¾-	—
dust, bgs., c.l., same basis.	lb.	.03¾-	—
nubs, bgs., c.l., same basis.	lb.	.10 -	—
Manila, Boeas, amber and dark, bskts., c.l., same basis.	lb.	.14 -	—
light, bskts., c.l., same basis.	lb.	.18½-	—
Ioba A, bskts., c.l., same basis.	lb.	.10¾-	—
B, bskts., c.l., same basis.	lb.	.09¾-	—
C, bskts., c.l., same basis.	lb.	.09¾-	—
CNE, bskts., c.l., same basis.	lb.	.07½-	—
D, bskts., c.l., same basis.	lb.	.09½-	—
DK, bskts., c.l., same basis	lb.	.07½-	—
DU, bskts., c.l., same basis	lb.	.08¾-	—
dust, bskts., c.l., same basis.	lb.	.05¼-	—
Sambas and white split chips, bskts., c.l., same basis.	lb.	.12¼-	—
Singapore, dust, bskts., c.l., same basis.	lb.	.05¼-	—
spirit-soluble, CBB. bskts., c.l., same basis.	lb.	.08 -	—
DBB, bskts., c.l., same basis	lb.	.08 -	—
MA, bskts., c.l., same basis.	lb.	.06¾-	—
MB, bskts., c.l., same basis.	lb.	.06¼-	—
WS, bskts., c.l., same basis.	lb.	.06¾-	—

Ethylene Bromide—Hexameth.

Gum, copal, Philippine Manila amber sorts, bskts., c.l., same basis.	lb.	.07½-	—
calpa, pale, bskts., c.l., same basis.	lb.	.08½-	—
small, bskts., c.l., same basis.	lb.	.07½-	—
extra pale sorts, bskts., c.l., same basis.	lb.	.09½-	—
nubs, bskts., c.l., same basis.	lb.	.10¾-	—
pale, scraped, bskts., c.l., same basis.	lb.	.11¾-	—
seeds and dust, bskts., c.l., same basis.	lb.	.06¾-	—
Fontianak, bold, genuine, bgs., c.l., same basis.	lb.	.14¼-	—
mixed, bgs., c.l., same basis	lb.	.13¼-	—
chips, bgs., c.l., same basis.	lb.	.07¾-	—
nubs, bgs., c.l., same basis.	lb.	.10¼-	—
split, bgs., c.l., same basis.	lb.	.13¾-	—
Dammar, Batavia A, cs., c.l., same basis as copal.	lb.	.21¾-	—
A/D, cs., c.l., same basis.	lb.	.16¾-	—
A/E, cs., c.l., same basis.	lb.	.13½-	—
B, cs., c.l., same basis.	lb.	.20¾-	—
C, cs., c.l., same basis.	lb.	.16¾-	—
D, cs., c.l., same basis.	lb.	.14¼-	—
dust, cs., c.l., same basis.	lb.	.06¾-	—
E, cs., c.l., same basis.	lb.	.06¾-	—
F, cs., c.l., same basis.	lb.	.06¾-	—
Singapore, 1, cs., c.l., same basis.	lb.	.16¼-	—
2, cs., c.l., same basis.	lb.	.13¾-	—
3, cs., c.l., same basis.	lb.	.05¼-	—
chips, cs., c.l., same basis.	lb.	.09¾-	—
dust, cs., c.l., same basis.	lb.	.04¾-	—
seeds, cs., c.l., same basis.	lb.	.07¾-	—
Elemi, cns., c.l., same basis as copal.	lb.	.09¾-	—
Ester, dms., c.l. (36,000 lbs), dlvd.	lb.	.07¾-	—
l.c.l., lots of 10 over, dlvd.	lb.	.08 -	—
smaller lots, dlvd.	lb.	.08¼-	—
Euphorbium, cs.	lb.	.17 -	.19
Galbanum, cs.	lb.	.95 -	1.00
Gamboge, pipe, cs.	lb.	.58 -	.59
powd., bbls.	lb.	.65 -	.68
Ghatti, soluble, bgs.	lb.	.11 -	.15
superior, bgs.	lb.	.09 -	.11
Guaiac (see Guaiac resin).			
Karaya, XXX, bbls., bxs., dms.	lb.	.24 -	.28
XX, bbls., bxs., dms.	lb.	.16 -	.17
1, bbls., bxs., dms.	lb.	.09½-	.10
2, bbls., bxs., dms.	lb.	.08½-	.09
Kauri brown, XXX, cs., c.l., same basis as copal.	lb.	.60 -	—
BX, cs., c.l., same basis.	lb.	.33 -	—
B1, cs. c.l., same basis.	lb.	.21 -	—
B2, cs., c.l., same basis.	lb.	.15½-	—
B3, cs., c.l., same basis.	lb.	.13 -	—
80% chips, cs., c.l., same basis.	lb.	.09¼-	—
pale, XXX, cs., c.l., same basis.	lb.	.65 -	—
1, cs., c.l., same basis.	lb.	.40 -	—
2, cs., c.l., same basis.	lb.	.23 -	—
3, cs., c.l., same basis.	lb.	.16 -	—
Kino, tins.	lb.	.70 -	.80
mastic, cs., c.l., same basis as copal.	lb.	.57 -	.58
Myrrh, USP, cs.	lb.	.35 -	.40
Olibanum, siftings, cs.	lb.	.07 -	.09
tears, cs.	lb.	.12 -	.25
Opium (see O)			
Rosin (see R)			
Sandarac, csks., c.l., same basis as copal.	lb.	.28 -	.30
Scammony, cs.	lb.	1.15 -	1.25
Senegal, picked, bgs.	lb.	.20 -	.21
sorts, bgs.	lb.	.09¾-	.10¼
Talha, bgs.	lb.	.05 -	.06
Thus, bbls.	280 lbs.	11.50	nom
strained, bbls.	280 lbs.	11.50	nom
Tragacanth, Aleppo, 1, cs.	lb.	1.75 -	1.80
2, cs.	lb.	1.65 -	1.70
3, cs.	lb.	1.50 -	1.55
4, cs.	lb.	1.40 -	1.45
5, cs.	lb.	1.30 -	1.35
6, bgs.	lb.	.30 -	.31
Yacca, bgs., c.l., same basis as copal.	lb.	.03¼-	—
powd., bgs., c.l., same basis.	lb.	.04½-	—
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	21.15 -	—
Medicine Lodge, Kans., frt. equald.	ton.	17.00 -	—
New Brighton, N. Y., frt. equald.	ton.	27.25 -	—
Southard, Okla., frt. equald.	ton.	17.00 -	—
Sweetwater, Tex., frt. equald.	ton.	21.15 -	—
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled.	ton.	12.50 -	—
Blue Rapids, Kans., frt. equald.	ton.	12.50 -	—
New Brighton, N. Y., frt. equald.	ton.	15.75 -	—
Southard, Okla., frt. equald.	ton.	12.50 -	—
Sweetwater, Tex., frt. equald.	ton.	12.50 -	—
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.	ton.	8.00 -	—
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald.	ton.	13.00 -	—
import., bgs., ex dock.	ton.	27.50 -	—

H

Heliotropin, cryst., cns.	lb.	2.00 -	2.20
Hellebore, white, root, powd., bbls.	lb.	.10½-	.11
Helonias root, bls.	lb.	.30 -	.35
Hematine crystals, bbls.	lb.	.16 -	.24
Hemlock extract, 25% tan., bbls.	lb.	.03½-	—
tanks	lb.	.02¾-	—
Hempseed, Manchur, bgs.	lb.	.06¾-	.04¼
Henbane leaves, bls.	lb.	.21 -	.22
Henna leaves, bls.	lb.	.07 -	.08
powd., bbls, bxs.	lb.	.09 -	.10
Heptane, mixed, 77-115°C., dms., c.l., Group 3.	gal.	.19 -	
l.c.l., Group 3.	gal.	.16 -	—
tanks, Group 3.	gal.	.09½-	—
normal, 96-100°C., dms., c.l., Group 3	gal.	.17 -	—
l.c.l., Group 3.	gal.	.17 -	—
tanks, Group 3.	gal.	.10½-	—
Hexalin, dms.	lb.	.30 -	—
Hexane, normal 60-70°C. dms. c.l., Group 3.	gal.	.13 -	—
l.c.l., Group 3.	gal.	.13 -	—
tanks, Group 3.	gal.	.10½-	—
laboratory grade, dms. c.l., Group 3.	gal.	.16 -	—
l.c.l., Group 3.	gal.	.25 -	—
Hexamethylenetetramine, tech., dms.	lb.	.35 -	.37
USP, dms., 1,000 lbs.	lb.	.45 -	.47

Hexyl Acetate—Licorice

Hexyl acetate, dms., c.l., f.o.b. dest.	lb.	.125	—
l.c.l., f.o.b. dest.	lb.	.12	—
tanks, f.o.b. dest.	lb.	.115	—
Homatropine hydrobromide, bots., vls.	oz.	12.00	-13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago, unit-ton		3.00	—
Hops, dom., 1935 crop, bls.	lb.	.35	.40
import., 1935 crop, bls.	lb.	.65	.85
Horehound, bls.	lb.	.06½	.07
Hydrangea root, bls.	lb.	.22	.25
Hydrastine, vls.	oz.	11.00	-11.50
Hydrochloride, vls.	oz.	11.00	-11.50
Sulphate, vls.	oz.	12.00	-12.50
Hydrastis (see Golden seal)			
Hydrogen, peroxide, USP, bbls.	lb.	.03¾	.04
100 vols., cbys., E. of Miss. R.	lb.	.20	—
W. of Miss. R.	lb.	.21	—
Hydroquinone, bbls., kgs.	lb.	1.10	- 1.15
Hyoscine hydrobromide, vls.	oz.	18.00	-18.25
Hyoscyamine, vls.	oz.	15.00	—
Hydrobromide, vls.	oz.	15.00	—
Sulphate, vls.	oz.	15.00	—
Hypernic, liq., 51°, bbls.	lb.	.15	.20
solid, bxs.	lb.	.17	.22

I

Iceland moss, bls.	lb.	.10	.12
Ichthyol, bots.	lb.	4.00	- 4.25
Indian red (see Red, Indian).			
Indigo, nat., Bengal, bbls.	lb.	2.40	—
synth., liq., bbls.	lb.	.13	- .14
powd., bbls.	lb.	1.00	—
Indol, CP, bots.	lb.	34.00	-36.00
Insect flowers (see Pyrethrum).			
Iodine, crude, kgs.	lb.	.90	—
resubl., kgs.	lb.	1.50	- 1.55
tincture, bbls.	gal.	1.90	—
Iodoform, kgs., 100 lbs.	lb.	3.75	- 3.80
Ionone, bots.	lb.	3.25	- 4.00
Ipecac root, bgs.	lb.	.80	- .81
powd., bxs.	lb.	.87	- .90
Irish moss, ordinary, bls.	lb.	.11	- .12
powd., 80-90 mesh, bbls.	lb.	.22	- .30
prime, bleached, bls.	lb.	.18	- .19
Iron acetate, CP, 17% solut., bbls.	lb.	.03	- .04
Chloride, tech., cryst., bbls., kgs.	lb.	.05	- .08
USP, cryst., bbls.	lb.	.07½	- .08
solut., cbys.	lb.	.06¼	- .06½
Citrate, USP VIII, pearls, cns., bbls.	lb.	.72	—
powd., cns.	lb.	.64	—
scales, cns.	lb.	.77	—
Hypophosphite, cns.	lb.	1.55	- 1.60
Iodide, bots.	lb.	2.85	- 2.90
syrup, djns.	lb.	.37	- .38
Nitrate, coml., kgs.	lb.	.02¾	- .03
Oxalate, powd., kgs.	lb.	.47	- .50
scales, cns.	lb.	.43	- .45
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns.	lb.	.54	—
scales, cns.	lb.	.59	—
Ferrous, cns.	lb.	.35	—
Pyrophosphate, pearls, cns.	lb.	.59	—
scales, cns.	lb.	.64	—
Reduced, 90%, cs.	lb.	.60	- .69
Sulphate, tech. (see Copperas).			
USP, cryst., bbls.	lb.	.04½	- .04½
Iron-ammonia citrate, brown, gran., cns.	lb.	.37	- .38
pearls, cns.	lb.	.37	- .38
scales, cns.	lb.	.47	- .48
green, gran., cns.	lb.	.37	- .38
pearls, cns.	lb.	.37	- .38
scales, cns.	lb.	.47	.48
Oxalate, cryst., bbls., kgs.	lb.	.34½	.35½
Iron-potash oxalate, cryst., bbls., kgs.	lb.	.42	.43
Iron-soda oxalate, cryst., bbls., kgs.	lb.	.34½	.35½
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.48	—
small lots, works.	lb.	.58	—
Isopropanol, see Alcohol, isopropyl.			
Isopropyl acetate, dms., cl., frt. alld.	lb.	.07	—
l.c.l., frt. alld.	lb.	.07½	—
tanks, frt. alld.	lb.	.06	—
Alcohol (see Alcohol).			
Ether, dms., c.l.	lb.	.07	—
l.c.l.	lb.	.08	—
tanks	lb.	.06	—

J

Jaborandi leaves, bls.	lb.	.18	.19
Jalap root, NF, bls.	lb.	.17	.26
powd., bbls., bxs.	lb.	.21	.24
Juniper berries, bgs.	lb.	.04¾	.05¼

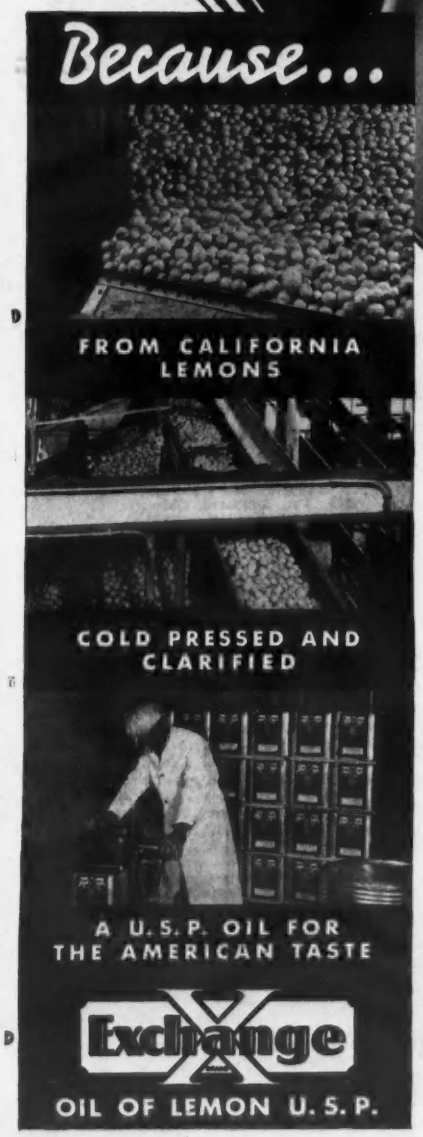
K

Kamala, tins.	lb.	.30	.35
Kava kava root, bls.	lb.	.14	.16
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks.	gal.	.04¾	—
Gulf ports, p.w., bulk, export.	gal.	.03¾	—
w.w., bulk, export.	gal.	.04¼	.04¼
Louisiana - Arkansas, 41-43 w.w., bulk.	gal.	.03¾	—
Oklahoma-Texas, 41-43 w.w., tanks.	gal.	.03¾	.04
42-44 w.w., tanks.	gal.	.03¾	.04
Pennsylvania, 45 w.w., tanks	gal.	.04¾	.04¾
46 w.w., tanks.	gal.	.04¾	.04¾
Kerosene, tankwagon:—			
Atlanta	gal.	.128	—
Boston	gal.	.066	—
Chicago	gal.	.096	—
Cincinnati	gal.	.126	—
Denver	gal.	.11	—
Louisville	gal.	.10	—
Minneapolis	gal.	.093	—
New Orleans	gal.	.12	—
New York	gal.	.07¼	—
San Francisco	gal.	.115	—
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No price	
Kola nuts, bgs.	lb.	.06	- .06½

L

Lady slipper root, bls.	lb.	.32	- .35
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	12.25	-12.50
Middlewestern, trcs.	100 lbs.	11.90	-12.00
Western, choice, trcs.	100 lbs.	12.00	-12.10
compound, trcs.	100 lbs.	12.50	-12.75
neutral, trcs.	100 lbs.	13.50	-13.75
Larkspur seed, bgs.	lb.	.20	- .22
Laurel berries, bls.	lb.	.09	- .10
Leaves, Ital., bls.	lb.	.05	- .05½
Lavender flowers, ordinary, bls.	lb.	.40	- .42
select, bls.	lb.	.75	- .80
Lead acetate, brown, broken, bbls.	lb.	.09½	—
white, broken, bbls.	lb.	.11	—
cryst., bbls.	lb.	.10½	—
gran., bbls.	lb.	.11	—
powd., bbls.	lb.	.11½	—
Arsenate, dms., c.l., dealers, E. of Rockies	lb.	.09¼	—
jobbers, E. of Rockies	lb.	.09	—
W. of Rockies	lb.	.09	—
l.c.l., consumers, W. of Rockies	lb.	.10¾	—
dealers, E of Rockies, 1,000 lbs. or over	lb.	.09¾	—
101-999 lbs.	lb.	.10¾	—
100 lbs. or less	lb.	.11¾	—
W of Rockies	lb.	.09¾	—
jobbers, E. of Rockies	lb.	.09¾	—
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowances for works or whse. pick-ups.			
Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06¼	—
l.c.l., dlvd. E.	lb.	.06¼	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06½	—
Carbonate (see Lead, white).			
Chloride, pure, bxs.	lb.	.49	- .50
Iodide, jars.	lb.	2.35	- 2.45
Linoleate, pale, precip., dms.	lb.	.18	—
Metal (see daily quotations in market report)			
Nitrate, bbls.	lb.	.09	- .09½
Oleate, bbls.	lb.	.15	—
Peroxide cns., works	lb.	.46	- .47
Red, dry, 95% or less Pb_3O_4, bbls, c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0735	—
other points	lb.	.0710	—
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07¾	—
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash.	lb.	.06¾	—
Colo., Mont., N. Mex., Wyo.	lb.	.06	—
other points	lb.	.07¼	—
smaller lots, dlvd. Ala., etc.	lb.	.08¼	—
Ariz., etc.	lb.	.08¾	—
Colo., etc.	lb.	.08¾	—
other points	lb.	.06	—
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd. Ala., etc.	lb.	.0760	—
other points	lb.	.0735	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.06	—
Ariz., etc.	lb.	.06¼	—
Colo., etc.	lb.	.06¼	—
other points	lb.	.07¼	—
smaller lots, dlvd. Ala., etc.	lb.	.08¼	—
Ariz., etc.	lb.	.09	—
Colo., etc.	lb.	.08¼	—
other points	lb.	.08¼	—
95%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.0735	—
other points	lb.	.0760	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.06¼	—
Ariz., etc.	lb.	.06¾	—
Colo., etc.	lb.	.06½	—
other points	lb.	.06	—
smaller lots, dlvd. Ala., etc.	lb.	.06¾	—
Ariz., etc.	lb.	.09¼	—
Colo., etc.	lb.	.09	—
other points	lb.	.06¼	—
in oil, steel kegs, 1,000 lbs.	lb.	.10½	—
500 lbs.	lb.	.11	—
smaller lots	lb.	.12	—
Resinate, fused, bbls.	lb.	.09	- .10
precip., bbls.	lb.	.14	—
Stearate, bbls.	lb.	.22	- .25
Sulphate (see Lead, white)			
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Ct. terminal	lb.	.10	—
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies	lb.	.10½	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.06¾	—
other points	lb.	.06½	—
l.c.l. dlvd. Ariz., etc.	lb.	.07	—
other points	lb.	.06¾	—
Basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.06¼	—
other points	lb.	.06	—
l.c.l. dlvd. Ariz., etc.	lb.	.06½	—
other points	lb.	.06¼	—
in oil, 100-lb. kgs., 1,000 lbs., dlvd.	lb.	.10	—
500 lbs., dlvd.	lb.	.10½	—
smaller lots, dlvd.	lb.	.11½	—
Lemon peel, bls.	lb.	.09	- .10
Licorice extract, mass, cs.	lb.	.17	- .18
powd., bbls.	lb.	.27	- .28
Root, bls.	lb.	.04½	- .05
powd., bbls., bxs.	lb.	.07	- .08
select, bndls., cs.	lb.	.20	- .21

THREE TIMES AS POPULAR
as all other Lemon Oils Combined!



Exchange Brand Led the Field 3 to 1 in 1935 —And is making New Sales Records for 1936

HIGH quality and right price have made Exchange Brand Oil of Lemon, U.S.P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products.

Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

Sold to the American market exclusively by

FRITZSCHE BROTHERS, INC. 76 NINTH AVENUE, NEW YORK, N. Y. • **DODGE & OLCOTT COMPANY** 180 VARICK STREET, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE

Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern .....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —

Hydrated, paper bags, f.o.b.
Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.00 - —
Buffalo .....ton.11.00 - —
California, northern.ton.14.75 - —
southern .....ton.12.75 - —
Cedar Hallow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —

Lime, spray, paper bgs., f.o.b.
Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio...ton.11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —

Salts (see Calcium)

Lime-sulphur, dry, bgs., consumer, dlvd. Ore..lb. .06½- .06¾
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06¾
dealers, dlvd. E. of Rockies, except Fla..lb. .07¾- .08¼
Ore. .....lb. .05¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
Ore. .....lb. .05½- —
Idaho, etc.....lb. .06¼- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla., lb. .11 - .13
Fla. .....100 lbs. 1.00 - 2.00
jobbers, dlvd. E. of Rockies, except Fla..lb. .10¾- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J.... N. Y., N. C. (Alegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .13 - .16
jobbers, same basis...gal. .12½- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .10½- —

Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
without leaves, bls.....lb. .17 .18
Linseed cake, bgs., export...ton.30.00 - —
Meal, 32%, dom., bgs.....ton.40.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0685- —
other points.....lb. .0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07¼- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.95 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone, dom., high-strength, bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06½- —
bbls., 5 tons, same basis.lb. .06¾- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis.lb. .04¾- —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
impert., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08½- .10¼
solid, bxs.....lb. .13½- .17⅛
Sticks, Haitian, shipt.....ton.24.00 -35.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .30 - .32
Lupulin, N.F., tins.....lb. 1.25 - 1.30
Lycopodium, cs.....lb. 1.10 - 1.15

M

Mace, Banda, cs.....lb. .62 - .64
Batavia, cs.....lb. .48 - .49
Siauw 1, cs.....lb. .57 - .58
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom., four-hour, including activater, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .23 - —
1-lb. pkgs., same basis.lb. .25 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis..lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. .lb. .50 - —
light, extra, bbls.....lb. .35 - .40
standard bbls.....lb. .30 - —
Magnesia carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .08½- .09
Chloride, flake, dom., bbls., works..ton.36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .28 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .25 - —
Sulphate (see Epsom salt)
Magnesite, calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash..ton.22.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .08
Dioxide, Caucasian, 85-90%, cake, c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs., c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.53.50 - —
Glycerophosphate, bbls., cans, 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .80 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .13 - .18½
solid, precip., 8.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 8½%, bbls..lb. .06¾- .09½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South.....ton.45.75 - —
50-55%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt., ton.26.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .50 - .55
small cs.....lb. .28 - .29
Mannitol, pure, cryst., cs., works lb. 1.00 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .19 - .19½
Tunisan, bls.....lb. .18¼- .18¾
Matico leaves, bls.....lb. .80 - .81
Menthol, cs.....lb. 3.20 - 3.30
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .79 - —
50%, cns.....lb. 1.14 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red. mercury oxide)
Yellow, dom., tech., bbl....lb. 1.39 - —
USP, dms., kgs.....lb. 1.81 - —
Mercury and chalk, kgs.....lb. .85 - .86
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold, XX deep, 3¾x3¾ in.pkg.14.50 -15.00
3¾x3¾ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3¾x5½ in.....pkg.21.50 -22.00
5½x5½ in.....pkg.33.50 -34.00
Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .48 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .38½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .44½- —
l.c.l., Zone 1, frt. alld or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld. or dlvd..gal. .48 - —
4, frt. alld. or dlvd..gal. .50 - —
5, frt. alld. or dlvd..gal. .49½- —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .34½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .38½- —
5, frt. alld.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½- —
2, frt. alld.....gal. .40½- —
3, frt. alld.....gal. .41½- —
4, frt. alld.....gal. .43½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld.....gal. .37½- —
pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drum.
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. all..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .12 - —
W. of Rockies.....lb. .12½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .37 - —
Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cyirs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .25 - .30
Iodide, bots., jars.....lb. 5.60 - 5.65
Salicylate dms.....lb. .40 - .42
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .60 - —

Methylanthraquinone, bbls.....lb. .80 - .85
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots. .....lb. 2.50 - 3.00
Methylheptin carbonate, bots...lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks. .....gal. .80 - —
tanks, wks. .....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Millwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
160 mesh, containers extra, c.l., containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh, bgs., c.l., works..ton.25.00 - —
l.c.l., works.....ton.42.75 - —
second grade, bgs., c.l., works..ton.22.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
200, 140 mesh, bgs., c.l., works..ton.30.00 - —
l.c.l., works.....ton.42.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾- —
l.c.l. .....lb. .10¾- —
spray, bbls., c.l.....lb. .10½- —
l.c.l. .....lb. .11½- —
unskimmed, roller, bbls., c.l.lb. .20½- .21
l.c.l. .....lb. .21½- .22
spray, bbls., c.l.....lb. .20½- .21
l.c.l. .....lb. .21½- .22
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06 - .06½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks...gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .08¼
Monoethanolamine, dms.....lb. .31 - .35
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, pods, bots..oz. No stocks
Tonquin, grained, bots....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½- .09
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs.....lb. .06¾- .07¼
yellow, bgs.....lb. .07½ Nom.
Chinese, yellow, bgs.....lb. .05¼- .05¾
Danish, yellow, bgs.....lb. .08¼- .08½
Dutch, yellow, bgs.....lb. .08½- .09
English, yellow, bgs.....lb. .09¼- .09¾
Hungarian, yellow, bgs....lb. .08 - .08½
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07½ Nom.
Roumanian, yellow, bgs...lb. .06¾- .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.23.00 - —
J2, bgs., shipt.....ton 15.00 - —
R2, bgs., shipt.....ton.14.50 - —
Extract, liquid, 25% bbls...lb .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha high solvency).
Painters' (see Petroleum naphtha, V.M.&P.)
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.50 - 3.00
import., 74-78% bg.s Atlantic ports..100 lbs. 2.50 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .06¼- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 30c. per 100 lbs. higher.
Neroiin, cryst., cns.....lb. 1.27 - 1.35
Nickel carbonate, bbls.....lb. .20 - —
Chloride, bbls.....lb. .18 - .19½
kgs. .....lb. .21 - .22
Oxide, black, bbls.....lb. .85 - .90
Salt, double, bbls.....lb. .13 - .13½
single, bbls.....lb. .13 - .13½
Nicotine, 50%, cns.....6 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06¾
5-lb. cns.....lb. .94 - 1.17
dms. .....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .09 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .09½- —

Nitrocellulose—Oil, Lub.

Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds or over of nitrocellulose a year.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Sept.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shpt. unit-ton. 2.50 - —
Chemical, Ill..unit-ton. 2.50 - —
East Coast producing points..unit-ton. 2.75 - 2.85
Import., bgs., c.l.f. Atlantic ports, shipt.....unit-ton. 2.75 Nom.
Nitronaphthalene, bbls.....lb. .24 - .28
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .23
Chinese, shipmt., cs.....lb. .20 - .23
Extract (see Gall extract)
Nutmegs, 80s, bgs., cs.....lb. .19½- .20
110s, bgs., cs.....lb. .17 - .17½
West Indian, bgs.....lb. .16 - .16½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 -
tanks, G.3 .....gal. .08½- —
Octyl acetate, dms., c.l., works.lb. .16 -
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.25 - 2.75
sweet, true, exp., cns.....lb. .70 - .72
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .53
Amyris, cns.....lb. 2.70 - 2.75
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .63 - .65
Apricot kernel, dom., dms., frt. alld..lb. .23½- .26
spot .....lb. .26 - .28
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .08¼- —
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers .....lb. 2.35 - 2.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.25 - 2.35
Cade, USP, cns.....lb. .26 - .28
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 2.75 - 3.00
Camphor, sassafrassy, cns..lb. .15 - .15½
dms. .....lb. .13½- .14
white, cns. .....lb. .16 - .16½
dms. .....lb. .14½- .11
Cananga, native, cns.....lb. 2.30 - 2.35
rectifid., cns.....lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.20
Caraway, USP, cns.....lb. 2.00 - 2.25
Cardamom, bots.....lb.11.00 -28.00
Cassia, USP, cns., dms.....lb. .95 - 1.00
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l. .....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —
Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .90 @ .95
dms. .....lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .20
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .95 - —
25 lbs.....lb. 1.05 - —
Chinawood, dms., Atlantic Cst. lb. .14 - .14¼
tanks .....lb. 13.70-13.75
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 7.00 -10.00
Citronella, Ceylon, cns.....lb. .21 - .28
dms .....lb. .23 - .25
Java, dms. .....lb. .31 - .32
Clove, USP, cns.....lb. 1.00 - —
dms. .....lb. .98 - —
Coconut, Manila, crude, tanks. lb. .06 - Nom.
Pac. Cst. .....lb. .05⅜- .05½
edible, 76°, tax incl., dms., (returnable), c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
tanks .....lb. .11 - —
Cod, Newfoundland, tanked, bbls..gal. .43 Nom.
Norwegian, bbls.....gal. .36 - .38
Codliver, med., Norwegian, bbls. bbl.25.00 -27.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. 7.25 - 7.50
Corn, crude, tanks, works...lb. .09¾ Nom.
refd., bbls.....lb. .12½- .13
Cottonseed, dom., cooking, bbls. 100 lbs.11.50 - —
salad, bbls.....100 lbs.11.65 - —
Import., Brazilian, semirefd. dms..lb. .06¾- Nom.
British, semi-refd., dms..lb. .07¾ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots. .....lb. 8.50 -10.00
Cypress, cns. .....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots. .....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns. .....lb. 1.45 - 1.55
Eucalyptus, cans.....lb. .35 - .36
dms .....lb. .33 - .34
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .82½- .83
Gulf Coast.....bbl. .90 - .95
Kansas, 24-26.....bbl. .80 - .85
Louisiana-Arkansas, 16-20.. bbl. .60 - .70
18-20 .....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.10 - —
Tuesday .....bbl. 1.10 - —
Wednesday .....bbl. 1.10 - —
Thursday .....bbl. 1.10 - —
Friday .....bbl. 1.10 - —
Saturday .....bbl. 1.10 - —
North Texas, 24-26.....bbl. .65 - .70
26-30 .....bbl. .70 - .75
Oklahoma, 16-22.....bbl. .65 - .70
24-26 .....bbl. .70 - .75
26-30 .....bbl. .80 - .85
28-30 .....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¼- .04⅝
Furnace, Bayonne, 1, bulk, refinery..gal. .05¼- —
2, bulk, same basis.....gal. .04¼- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .04 - —
Kansas, 38-40.....gal. .03½- .03¾
Louisiana-Arkansas, 38-40, light straw .....gal. .02⅞- .03
Oklahoma, 28-30.....gal. .03 - .03⅛
32-36 .....gal. .03⅛- .03¼
36-38 .....gal. .03¼- .03⅜
38-40, straw.....gal. .03½- .03⅝
38-40, zero, 60 e.p.....gal. .03⅝- .03⅞
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04¼- —
Gulf Coast, 32-36, bulk....gal. .02 - —
Kansas, 32-36, bulk.....gal. .02⅝- .03
Louisiana-Arkansas, 32-36, bulk .....gal. .03 - .03⅛
North Texas, 32-36, bulk.gals. .02¾- —
Oklahoma, 32-36, zero, straw, bulk .gal. .02½- .02¾
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns. .....lb. 5.00 - 6.75
Turkish, cns.....lb. 1.60 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 5.50 - 5.75
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.00 - 1.05
Hempseed, crude, dms.....lb. .09½- .09¾
refd., dms.....lb. .10½- .10¾
Herring, tanks, Pan. Cst..gal. .31 - —
Juniper berry, USP, cns.....lb. 1.60 - 2.00
Wood, tech., cns.....lb. .45 - —
Lard, common, 1, bbls..100 lbs. 9.50 - —
2, bbls.....100 lbs. 9.25 - —
extra, bbls.....100 lbs.10.75 - —
1, bbls.....100 lbs. 9.75 - —
headlight, burning bbls.100 lbs.12.00 - —
prime, ed., bbls.....100 lbs.14.25 - —
ined., bbls.....100 lbs.12.00 - —
winter, strained, extra, bls., 100 lbs.11.00 - —
prime, bbls.....100 lbs.11.25- —
Lavender flowers, French, USP, cns..lb. 2.75 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. 1.05 - 1.40
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 1.75 - —
Messina, coppers, cns.....lb. 1.75 - 2.50
Lemongrass, native, cns., dms. lb. .42 - .45
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns. .....lb. 9.35 -10.50
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1050- .1070
l.c.l., 5 or over.....lb. .1090- .1110
less than 5.....lb. .1130- .1150
tanks .....lb. .0990- .1010
double boiled, bbls., less than 5..lb. .1150- .1170
raw, bbls., c.l.....lb. .1010- .1030
l.c.l., 5 or more.....lb. .1050- .1070
less than 5.....lb. .1090- .1110
tanks .....lb. .0950- .0970
Lovage, bots.....lb.55.00 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .28½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis.,tanks.gal. .21½- —

★ THE SPIRIT OF THE NATION ★

Man made ALCOHOL before he knew it

★

Ancient man produced alcohol long centuries before he was even conscious of its existence. For thousands of years he fermented wine and brewed beer—little knowing that he was on the threshold of discoveries that would eventually revolutionize civilization.

Today, science and industry look to the Commercial Solvents Corporation for the finest alcohols human skill has ever been able to produce. In its plants is made Rossville Alcohol, known and preferred the world over. Regardless of how exacting your requirements may be, you can depend unreservedly upon the uniformity and excellence of Rossville Alcohol—"The Spirit of the Nation".

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NEW YORK CENTRAL BLDG., NEW YORK, N. Y.
PLANTS: TERRE HAUTE, IND.; PEORIA, ILL.; WESTWEGO, LA.; HARVEY, LA.; AGNEW, CALIF.

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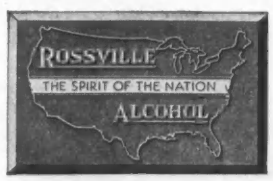
Products of Commercial Solvents Corporation, including Rossville Alcohols, are available in mixed carloads and in compartment tank cars, as well as in cans, drums, carloads, and tank cars.



Oil, lubricating, Oklahoma, 100 vis., 3 color, tanks	gal.	13¾ - .14
150 vis., 0-10° pour, tanks	gal.	.17 - —
15-25° pour, tanks	gal.	.16½ - —
3 color, tanks	gal.	.14 - .14¼
4 color, tanks	gal.	.15½ - .15¾
5, tanks	gal.	.21 - —
180 vis., 3 color, tanks	gal.	.15¾ - .15½
4 color, tanks	gal.	.14¾ - .15
190 vis., tanks	gal.	.25 - —
200 vis., 3 color, tanks	gal.	.15¾ - .16
4 color, tanks	gal.	.15¼ - .15½
5 color, tanks	gal.	.14¾ - .15
5, tanks	gal.	.24 - —
220 vis., 3 color, tanks	gal.	.16¾ - .17
4 color, tanks	gal.	.16¼ - .16½
5 color, tanks	gal.	.16¼ - .16½
240 vis., 3 color, tanks	gal.	.17¾ - .18
4 color, tanks	gal.	.17¼ - .17½
280 vis., 3 color, tanks	gal.	.18¾ - .19
4 color, tanks	gal.	.18 - .18¼
5½ color, tanks	gal.	.17¼ - .17¾
Penna., bright, 600 cold test, 10-40 pour, tanks	gal.	.25 - —
10-15 pour, tanks	gal.	.26 - —
cylinder, 600 fire, tanks	gal.	.16 - —
600 flash, tanks	gal.	.19 - —
630 flash, tanks	gal.	.23¼ - —
635 fire, tanks	gal.	.17½ - —
650 fire, tanks	gal.	.18 - —
Warren, E, amber, tanks	gal.	.19¼ - —
neutral, 150 vis., 3 color, tanks	gal.	.22½ - —
180 vis., 3 color, tanks	gal.	.24 - —
200 vis., 2 color, tanks	gal.	.26½ - —
spot, Penna., bright, bbls., c.l.l., f.a.s.	gal.	.31 - —
unfiltered, 600 s.r., bbls., c.l., f.a.s.	gal.	.23½ - —
600 flash, s.r., bbl., c.l., f.a.s.	gal.	.25 - —
650 s.r., bbls., c.l., f.a.s.	gal.	.24¼ - —
Warren, E, bbls., c.l., f.a.s.	gal.	.25½ - —
smaller lots, f.o.b.	gal.	.30 - —
Mace, dist, ens	lb.	1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto	gal.	.27 Nom.
refd., alkali, dms., c.l.	lb.	.0740- —
l.c.l.	lb.	.0740- —
tanks	lb.	.0680- —
blown, dms.	lb.	.0740- —
kettle-bodied, dms.	lb.	.0840- —
light pressed, dms., c.l.	lb.	.0680- —
l.c.l.	lb.	.0680- —
tanks	lb.	.0620- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP., bots.	lb.	1.73 - 1.78
dist., natural, bots.	lb.	8.00 - 9.00
expressed, bbls.	gal.	.75 - .80
Neatsfoot, cold test, bbls.	100 lbs.	16.00 - —
extra, bbls.	100 lbs.	10.00 - —
1, bbls.	100 lbs.	9.75 - —
pure, bbls.	100 lbs.	11.50 - —
Special, bbls.	100 lbs.	11.00 - —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli bota	lb.	35.00 -60.00
Nutmeg USP. cns	lb.	1.10 - 1.15
Oiticica, dms	lb.	.10½- .11
shipment	lb.	.10½- .11
Oleo, 1, bbls.	100 lbs.	11.00 - —
2, bbls.	100 lbs.	10.50 - —
Olibanum, bots	lb.	5.25 - 5.30
Olive, dom., denat., bbls.	gal.	1.60 Nom.
edible, bbls.	gal.	2.25 Nom.
foots, bbls.	lb.	.09 - .09¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.09 - —
l.c.l.	lb.	.09½- —
75% (63% fat), dms., c.l.	lb.	.12½- —
l.c.l.	lb.	.13 - —
80% (68% fat), dms., c.l.	lb.	.13½- —
l.c.l.	lb.	.14 - —
Orange, sweet, dist., cns.	lb.	.90 - —
expressed, African, cns., dms.	lb.	1.25 - 1.30
Calif., cns.	lb.	2.85 - —
Florida, cns.	lb.	2.85 Nom.
Messina, USP, coppers.	lb.	2.35 - 3.35
Spanish, ens.	lb.	No stocks
West India, cns.	lb.	2.30 - 2.35
Origanum, Spanish, cns.	lb.	.80 - Nom.
Orris, Florentine, concrete, extra strong, bots.	oz.	5.25 - 5.50
Palm, Niger, cks.	lb.	.05 - —
shipment	lb.	.0470- —
softs, 12½%, bulk, shipt.	lb.	.0480- —
20% bulk, shipt.	lb.	.0460- —
Sumatra, tanks	lb.	.05¾- Nom.
shipments, bulk	lb.	.0450 Nom.
Palmarosa, cns.	lb.	1.60 - 2.00
Palmkernel, bulk, shipt.	lb.	.05 - Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
330° flash, 70-90 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls. extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots.	lb.	5.00 - 6.00
Peanut, crude, tanks, works.	lb.	.09¼- Nom.
refd., edible, bbls.	lb.	.12½ Nom.
Pennyroyal, dom., cns.	lb.	1.65 - 1.75
import, cans.	lb.	1.60 - 1.85
Peppermint, natural, cans, dms.	lb.	2.35 - 2.60
redist., USP, cans, dms.	lb.	2.55 - 2.85
Perilla, dms.	lb.	.09¾- .10
tanks	lb.	.09¾- .09½
Petitgrain, Paraguay, cns.	lb.	1.00 - 1.15
Pimento berry, cns.	lb.	2.30 - 2.50
Leaf, cns.	lb.	1.25 - 1.30
Pine, dest.-dist., straw-color, dms., dlvd. E. ports	gal.	.44 - —
steam-dist., straw-color, bbls.	gal.	.50 - —
tanks	gal.	.54 - —
water-white, bbls.	gal.	.64 - —
tanks	gal.	.59 - —
Pineneedle, Siberian, cns.	lb.	.90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - ..
dms., c.l., Bost., Provid.	gal.	.25½- —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martinez, Cal.	gal.	.29 - —
Rapeseed, blown, bbls.	lb.	.11¼- .12
denat., bbls.	gal.	.66 - .67
Red, dist. or saponif., bbls., dlvd.	lb.	.10½- .11½
dms, dlvd	lb.	.10 - .11
tanks, dlvd	lb.	.09¼- —
white, dms, dlvd	lb.	.13 - .14
Rose, artif., bots	oz.	2.00 - 3.00
natural, coppers	oz.	5.25 -22.50
Rosemary, tech., cns.	lb.	.36 - .38
USP, cns., dms.	lb.	.40 - .42
Rosin, 1st rectfd., dms.	gal.	.50 - .52
2d rectfd., dms.	gal.	.53 - .55
3d rectfd., dms.	gal.	.60 - .62
Rue, bots.	lb.	2.15 - 2.20
Sage, cns.	lb.	1.60 - 1.65
Salmon, tanks, Pac. Cst.	gal.	.32 - Nom.
Sandalwood, Australia, cns.	lb.	4.50 - 5.00
E.I., USP, cns.	lb.	4.80 - 5.50
Oil, sardine, crude, tanks, Pac. Cst.	gal.	.32 Nom.
rfd., alkali, dms, c.l.	lb.	.0740- —
l.c.l.	lb.	.0740- —
tanks	lb.	.0680- —
kettle-bodied, dms.	lb.	.0840- —
light, pressed, dms, c.l.	lb.	.0680- —
l.c.l.	lb.	.0680- —
tanks	lb.	.0620- —
poultry feed., dms., Pac. cst.	gal.	.50 - —
Sassafras, artif., dms.	lb.	.35 - .36
cns.	lb.	.38 - .40
natural, cns., dms.	lb.	.75 - 1.25
Savin, cns.	lb.	1.70 - 1.75
Sesame, dom., refd., white, dms.	lb.	.14 - .14¼
yellow, dms.	lb.	.14 Nom.
Shingle stain, bbls., c.l., works.	gal.	.17½- —
l.c.l., works	gal.	.20 - —
tanks, works	gal.	.14½- —
Snakeroot, Canada, cns.	lb.	10.25 -12.50
Soybean, dom., crude, dms.	lb.	.0930- .0990
tanks	lb.	.08⅜- .08½
refd., dms.	lb.	.0980- .1070
tanks	lb.	.0920- .0970
Spearmint, USP, cns.	lb.	1.85 - 2.00
Sperm, bleach, 38°, dms.	lb.	.0940-.0960
45°, dms.	lb.	.0870-.0890
natural, dms.	lb.	.0620-.0640
Spruce, cns.	lb.	1.00 - 1.05
Sunflowerseed, refd., dms.	lb.	.11 Nom.
Sweet birch, North., cns.	lb.	2.60 - 2.75
South., cns.	lb.	1.90 - 2.10
Tallow, acidless, bbls.	100 lbs.	9.75 - —
tanks	100 lbs.	9.25 - —
Tansy, cns.	lb.	1.50 - 1.60
Tar, commil., dms., c.l., dlvd. E. cities	gal.	.22 - —
E. ports	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities	gal.	.20 - —
Tar acid (see T)		
Teaseed, dms.	lb.	.13 - .13½
Thyme, NF, red, dms.	lb.	.85 - 1.25
white, dms.	lb.	.80 - 1.35
Tung (see Oil, chinawood).		
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	4.00 - 5.00
Valerian, bots.	lb.	13.50 -14.00
Vetiver, Bourb. bots.	lb.	10.50 -11.00
Walnut, crude, dms.	lb.	.11 - .11¼
refd., dms.	lb.	.12 - .12¼
Whale, refd., natural, dms.	lb.	.0690- .0710
winter, bleach, dms.	lb.	.0730- .0750
Wheat germ, cns., dms.	gal.	27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.	gal.	.42 - .44
65-75 vis., dms.	gal.	.44 - .46
80-90 vis., dms.	gal.	.45 - .47
U.S.P., 80-90 vis., dms.	gal.	.54 - .56
95-105 vis., dms.	gal.	.63 - .65
125-135 vis., dms.	gal.	.75½- .77½
140-150 vis., dms.	gal.	.76½- .78½
175-185 vis., dms.	gal.	.78½- .80¼
200-210 vis., dms.	gal.	.80 - .82
320-330 vis., dms.	gal.	.85½- .87¼
335-345 vis., dms.	gal.	.87 - .89
Russian, 75-85 vis., dom.	gal.	.52 - —
145-155 vis., dms.	gal.	.74½- —
185-190 vis., dms.	gal.	.76½- —
275-285 vis., dms.	gal.	.80 - —
335-345 vis., dms.	gal.	.85 - —
Wintergreen, natural, North., cns.	lb.	4.00 - 5.00
South., cns.	lb.	3.35 - 3.75
synth. (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.00 - 2.10
Wormwood, cns.	lb.	2.65 - 2.75
Ylang-ylang, Bourb., bots., cns.	lb.	3.50 - 6.00
Manila, bots.	lb.	2.50 - 3.00
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50
Orange, chrome (see Yellow, chrome).		
Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash.	lb.	.10¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾- —
Colo., Mont., N. M., Wyo.	lb.	.10½- —
Other points	lb.	.10 - —
smaller lots, dlvd., Ala., etc.	lb.	.10¾- —
Ariz., etc.	lb.	.11¼- —
Colo., Mont., N. M., Wyo.	lb.	.11 - —
Other points	lb.	.10½- —
French Toure, saks, ex dock	lb.	.17 - —
tgs., ex dock	lb.	.18½- —
Peel, bitter, bls.	lb.	.08 - .09
Sweet, bls.	lb.	.09 - .10
Toner bbls.	lb.	.80 - —
Orangeflower petals, cs.	lb.	.85 - .90
Orris root, Florentine, bgs.	lb.	.09 - .10
fingers, cs.	lb.	.95 - 1.00
powd., bbls., bxs.	lb.	.12 - .13
Verona, bls.	lb.	.08 - .09
powd., bxs., cs.	lb.	.11 - .13
Orthoanisidin, bbls.	lb.	.82 - .84
Orthochloroanilin, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.35 - .75
Orthocresol, dms.	lb.	.13 - .15
Orthodichlorobenzene, dms.	lb.	.06½- .11¼
Orthonitroanilin, dms.	lb.	.45 - .60
Orthonitrochlorobenzene, kgs.	lb.	.28 - .29
Orthonitroparachlorophenol, cns.	lb.	.70 - .75
Orthonitrophenol, kgs.	lb.	.85 - .90
Orthonitrotoluene, dms.	lb.	.07 - .10
Orthotoluene sulphonate, kgs.	lb.	2.00 - 2.05
Orthotoluidin, dms.	lb.	.14½- .15
Osage orange extract, cryst., bbls.	lb.	.17 - .19
liquid, 51°, bbls.	lb.	.07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00

P

Papain, powd., cs.	lb.	1.00 - 1.05
Paprika, Hungarian, bgs.	lb.	.24 - .26
Spanish, extra fancy, cs.	lb.	.28 - .30
fair, bgs.	lb.	.24½- .25½
fancy, bgs.	lb.	.27½- .28½
medium, bgs.	lb.	.26½- .27½
Para-aminoacetanilide, kgs.	lb.	.55 Nom
Para-aminophenol, bgs., bbls.	lb.	1.05 - —
Hydrochloride, bbls.	lb.	1.25 - —
Para-amylphenol, tertiary, dms., l.c.l., works	lb.	.30 - —
Parachlorophenol, dms.	lb.	.30 - .45
Paraxymene, rfd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms.	lb.	.16 - .20
kegs	lb.	.18 - .25
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¾- .03⅛
bbls., c.l., N. Y.	lb.	.0240- —
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.02¾- .03⅛
bbls., c.l., N. Y.	lb.	.0245- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02⅛ Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices
123-126 A.m.p., bgs., c.l.	lb.	.0445- —
export, f.a.s. N. Y.	lb.	.0440- —
126-127 A.m.p., bgs., c.l.	lb.	.0455- —
export, f.a.s. N. Y.	lb.	.0450- —
128-130 A.m.p., bgs., c.l.	lb.	.0480- —
export, f.a.s. N. Y.	lb.	.0475- —
130-132 A.m.p., bgs., c.l.	lb.	.0495- —
export, f.a.s. N. Y.	lb.	.0490- —
132-135 A.m.p., bgs., c.l.	lb.	.0555- —
export, f.a.s. N. Y.	lb.	.0550- —
135-137 A.m.p., bgs., c.l.	lb.	.0580- —
export, f.a.s. N. Y.	lb.	.0575- —
138-140 A.m.p., bgs., c.l.	lb.	.0635- —
142-145 A.m.p., bgs., c.l.	lb.	.0790- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.		
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.08 - —
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs.	lb.	.28 - —
100-lbs.	lb.	.30 - —
Paraldehyde, tech., dms., wks.	lb.	.16 - .18
USP, cbys.	lb.	.37 - .45
Paranitroaniilin, kgs.	lb.	.47 - .49
Paranitrochlorobenzene, kgs.	lb.	.23½- .24
Paranitrophenol, kgs.	lb.	.25 - .27
Paranitrotoluene, kgs.	lb.	.26 - .27
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratertiaryamylphenol, dms., $6,000 lbs., Wyandotte, Mich.	lb.	.23 - —
10,000 lbs., same basis	lb.	.25 - —
2,000 lbs., same basis	lb.	.40 - —
1,000 lbs., same basis	lb.	.50 - —
6 lbs., same basis	lb.	1.00 - —
1-5 lbs., same basis	lb.	2.00 - —
tanks, same basis	lb.	.21 - —
Paratoluenesulphonamide, bbls.	lb.	.70 - .75
Paratoluenesulphonanilide, bbls.	lb.	.55 - —
Paratoluidin, bbls.	lb.	.58 - .60
Pareira brava root, bls.	lb.	.16 - .17
Paris green, bxs., frt. all'd E. of Cleve.	lb.	.26 - .27
kgs., same basis	lb.	.22 - .24
kits, same basis	lb.	.24 - —
Passion flower herb, bls.	lb.	.06½- .07
Patchouli leaves, bls.	lb.	.15 - .16
Pellitory root, bls.	lb.	.16 - .17
Pennyroyal, bls.	lb.	.10 - .11
Pentane, norm., 28-38°, dms., c.l., G.3.	gal.	.12½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.09½- —
laboratory grade, dms., G.3.	gal.	.16 - —
l.c.l., G.3	gal.	.20 - —
Pepper, black, Alleppy, bgs.	lb.	.08½- .09
Lampong, bgs.	lb.	.04¾- .05
Tellicherry, bgs.	lb.	.09 - .09¼
Red, birdseye, new crop, bgs., afloat	lb.	.15 - .15½
old crop, bgs.	lb.	.14¼- .14¾
Japanese, 1, bgs.	lb.	.12 - .12½
Mombassa, bgs.	lb.	.14½- .14½
White, Borneo, bgs.	lb.	.08½- .09
Java, Muntok, bgs.	lb.	.08¾- .09
Saigon, bgs.	lb.	.09 - .09½
Singapore, Muntok, bgs.	lb.	.08¾- .09
Peppermint leaves, dom., bls.	lb.	.30 - .32
import., bls.	lb.	.45 - .50
Persian berry extract, bbls.	lb.	.55 Nom.
Peru balsam, dms.	lb.	1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾- .03⅛
light, bbls., c.l.	lb.	.03½- .03⅝
medium, bbls., c.l.	lb.	.02½- .03½
cream, bbls., c.l.	lb.	.05 - .05½
green, dark, bbls., c.l.	lb.	.02½- .03⅛
red, bbls., c.l.	lb.	.02⅝- .03⅛
veterinary, bbls., c.l.	lb.	.02⅝- .03⅛
white, lily, bbls., c.l.	lb.	.06 - .06¼
snow, bbls., c.l.	lb.	.07 - .07¼
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .88
Athens	bbl.	.84 - 1.07
Belridge	bbl.	.70 - 1.33
Buena Vista Hills	bbl.	.70 - 1.33
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.73 - 1.33
Dominguez	bbl.	.79 - 1.04
East Coyote	bbl.	.76 - .98
Elk Hills	bbl.	.70 - 1.33
Elwood Terrace, f.o.b. ship.	bbl.	1.28 - 1.43
Huntington Beach	bbl.	.78 - 1.23
Inglewood	bbl.	.79 - 1.37
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.78 - .91
Lakeview	bbl.	.70 - 1.33
Lost Hills	bbl.	.70 - 1.33
McKittrick	bbl.	.70 - —
Midway - Sunset (except Lakeview)	bbl.	.70 - 1.37
Montebello	bbl.	.77 - 1.43
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.30
Newhall	bbl.	.70 - —
Olinda Brea	bbl.	.70 - 1.27
Orcutt	bbl.	.70 - .93
Playa del Rey, f.o.b. pipeline	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.06
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.49
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.05
Wheeler Ridge	bbl.	.70 - .83
Whittier	bbl.	.76 - .90
Canada:—		
Oil Springs	bbl.	2.17 - —
Petrolia	bbl.	2.10 - —
Central West:—		
Illinois	bbl.	1.23 - —
Lima	bbl.	1.26 - —
Midland (Mich.)	bbl.	1.32 - —
Princeton	bbl.	1.13 - —
East Texas	bbl.	1.15 - —
Gulf Coast:—		
Barber's Hill	bbl.	.92 - 1.23
Batson	bbl.	.92 - 1.23
Conroe	bbl.	1.24 - 1.54
Dayton	bbl.	.92 - 1.23
Evangeline	bbl.	.92 - 1.23
Goose Creek	bbl.	.92 - 1.23
High Island	bbl.	.92 - 1.23
Hull	bbl.	.92 - 1.23
Humble	bbl.	.92 - 1.23
Liberty	bbl.	.92 - 1.23
Markham	bbl.	.92 - 1.23
Orange	bbl.	.92 - 1.23
Pettus	bbl.	1.25 - —
Pierce Junction	bbl.	.92 - 1.23
Port Lavaca	bbl.	.92 - —
Refugio, heavy	bbl.	.92 - —
light	bbl.	.92 - 1.23
Saratoga	bbl.	.92 - 1.23
Sour Lake	bbl.	.92 - 1.23
Spindle Top	bbl.	.92 - 1.23
Sugarland	bbl.	.92 - 1.23
Terry	bbl.	.92 - 1.23
West Columbia	bbl.	.92 - 1.23

Oil, Lub.—Pet. Naphtha

Petroleum, crude, bulk, at wells,		
Kentucky, Tennessee:—		
Oil City, in Stoll lines	bbl.	.100 - —
Somerset	bbl.	1.90 - 1.95
Western Kentucky, all gravities	bbl.	1.25 - —
Louisiana, Arkansas:—		
Bosco	bbl.	1.02 - —
Bull Bayou	bbl.	.71 - 1.08
Caddo	bbl.	.75 - 1.10
Cameron Meadows	bbl.	.82 - 1.10
Cotton Valley	bbl.	.78 - 1.10
De Soto	bbl.	.78 - 1.10
El Dorado	bbl.	.78 - 1.10
Haynesville	bbl.	.78 - 1.10
Homer	bbl.	.78 - 1.10
Iowa	bbl.	.73 - 1.08
Lockport	bbl.	.92 - 1.23
Miller County	bbl.	.78 - 1.10
Nevada	bbl.	.65 - —
Pine Island	bbl.	.84 - 1.08
Rodessa	bbl.	.78 - 1.10
Smackover	bbl.	.75 - .80
Urania	bbl.	.97 - —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—		
Panuco	bbl.	1.60 - —
Tax, 12.365c. per bbl.		
Tuxpan	bbl.	No prices
Tax, 20.261c. per bbl.		
Midcontinent:—		
Corsicana	bbl.	.89 - —
North Texas	bbl.	.86 - 1.13
Oklahoma-Kansas	bbl.	.86 - 1.13
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany	bbl.	2.45 - —
Corning	bbl.	1.43 - —
Pennsylvania grade, in Buckeye lines	bbl.	1.97 - —
Eureka lines	bbl.	2.13 - —
S.W. Penn lines	bbl.	2.17 - —
lower district in National Transit lines	bbl.	2.27 - 2.43
Rocky Mountain:—		
Big Muddy	bbl.	1.11 - —
Cat Creek	bbl.	1.07 - —
Elk Basin	bbl.	1.10 - —
Frannie, heavy	bbl.	.73 - —
light	bbl.	.78 - —
Grass Creek, heavy	bbl.	.73 - —
light	bbl.	1.18 - —
Greybull	bbl.	1.26 - —
Lance Creek	bbl.	.75 - —
Pondera	bbl.	1.05 - —
Rock Creek	bbl.	1.13 - —
Salt Creek	bbl.	.94 - 1.13
Sunburst	bbl.	1.15 - —
South, Central and Southwestern Texas:—		
Cass County	bbl.	.89 - 1.10
Darst Creek	bbl.	.97 - 1.02
Luling	bbl.	.99 - —
Lytton Springs	bbl.	1.00 - —
Mirando	bbl.	.85 - —
Panola County	bbl.	.84 - 1.09
Salt Flat	bbl.	1.03 - —
Saxet	bbl.	.99 - —
Tomball	bbl.	1.30 - —
Van	bbl.	.79 - 1.09
Texas Panhandle:—		
Carson-Hutchinson counties	bbl.	.81 - .83
Gray County	bbl.	.88 - .93
West Texas:—		
Artesia, N. M.	bbl.	.75 - —
Crane	bbl.	.75 - .90
Crockett	bbl.	.75 - .90
Ector	bbl.	.75 - .90
Glasscock	bbl.	.75 - .90
Hobbs, N. M.	bbl.	.86 - —
Hogback	bbl.	1.21 - —
Howard	bbl.	.75 - .90
Jackson, N. M.	bbl.	.75 - —
Lea, N. M.	bbl.	.75 - .90
Maljamar, N. M.	bbl.	.75 - —
Mitchell	bbl.	.80 - —
Pecos	bbl.	.75 - .90
Upton	bbl.	.75 - .90
Winkler	bbl.	.85 - —
Petroleum, ether, 30-60°, dms., c.l.	G.3. gal.	.15 - —
l.c.l., G.3	gal.	.17 - —
tanks, G.3	gal.	.13 - —
35-60°, dms., l.c.l., G.3	gal.	.35 - —
40-75°, dms., c.l., G.3	gal.	.15 - —
l.c.l., G.3	gal.	.19 - —
tanks, G.3	gal.	.13 - —
laboratory grade, dms., c.l. G.3.	gal.	.16 - —
l.c.l., G.3	gal.	.20 - —
10-gal. lots, G.3	gal.	.50 - —
Lacquer, diluent, at refinery:—		
California, 49-51, 225 i.b.p., 335 e.p., tanks	gal.	.12 - —
58-62, 160 i.b.p., 270 e.p., tanks, delvd. Los Angeles	gal.	.13½- —
San Francisco	gal.	.14 - —
f.o.b. Richmond	gal.	.14 - —
Willibridge, Ore.; Ft. Wells, Wash.	gal.	.14½- —
61-68, 149 i.b.p., 275 e.p., tanks	gal.	.13 - —
East Coast, tanks	gal.	.13 - .19½
drums	gal.	.16 - —
Group 3, tanks	gal.	.07¾- .08½
Naphtha, cleaners, at refinery:—		
East Coast, tanks	gal.	.08½- —
Group 3, tanks	gal.	.07¾- .07¼
tankwagon, Boston, ex-tax, gal.		.13 - —
Chicago, inc. 3c. tax	gal.	.145 - .158
Decatur, inc. 3c. tax	gal.	.17½- .18½
Des Moines, inc. 3c. tax	gal.	.173 - .183
Evansville, Ind, ex tax	gal.	.149 - .162
Milwaukee, inc. 4c. tax	gal.	.188 - .198
Minneapolis-St. Paul, inc. 3c. tax	gal.	.179 - .189
Newark, ex tax	gal.	.11½- —
New York, ex tax	gal.	.11½- —
Omaha, ex tax	gal.	.149 - .159
Oklahoma City, ex tax	gal.	.15 - .16
Philadelphia, ex tax	gal.	.11½- —
St. Louis, ex tax	gal.	.142 - .152
Syracuse, 150 gals.	gal.	.14 - —
smaller lots, galv. drums,	gal.	.16 - —
milk cans	gal.	.21 - —
Tulsa, ex tax	gal.	.15 - .16
high solvency, aromatic, 8 tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16½- —
66, same basis	gal.	.16½- .17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt.	gal.	.16 - —
2, same basis	gal.	.16 - —
3, same basis	gal.	.16 - —
4, same basis	gal.	.16 - —
V.m.&p., at refinery:—		
California, 49.5, 253 i.b.p., 350 e.p., tanks, f.o.b. El Segundo	gal.	.12½- —
Richmond	gal.	.14 - —
Willibridge, Ore., Ft. Wells, Wash.	gal.	.14½- —

Pet., Naphtha, V.M.P.—Pumice

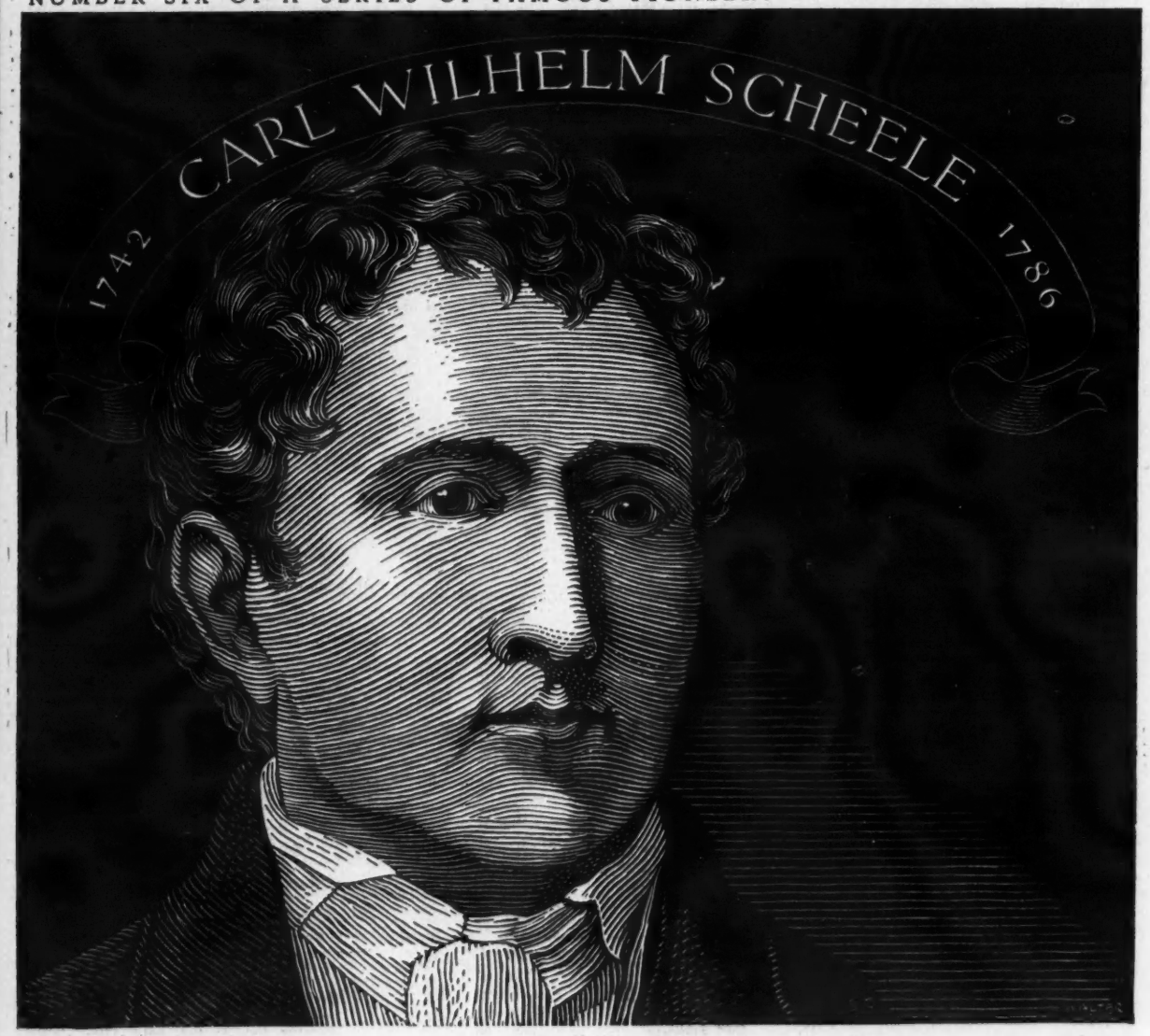
Petroleum naphtha, V.M.&P., at refinery, Calif., 54-57, 190 l.b.p., 310 e.p., tanks, delvd. Los Angeles..gal. .12½- —
San Francisco..gal. .13 -
East Coast, tanks.....gal. .10 -
Group 3, tanks.....gal. .07½- .07½
Pennsylvania, tanks...gal. .07½- —
tankwagon, Boston, ex-tax, gal. .15 -
Chicago, inc. 3c. tax..gal. .14½- .15½
Decatur, inc. 3c. tax..gal. .15 -
Des Moines, inc.3c.tax.gal. .173 - .183
Evansville, Ind., ex tax.gal. .149 - .159
Milwaukee, inc. 4c.tax.gal. .188 - .198
Minneapolis-St. Paul, inc. 3c. tax..gal. .179 - .189
Newark, ex tax.....gal. .14½-
New York, ex tax.....lb. .11½-
Omaha, ex tax.....gal. .149 - .159
Philadelphia, ex tax...gal. .13 -
St. Louis, ex tax.....gal. .142 - .153
Solvent, rubber, at refinery:—
California, 60.2-68.5, 167 l.b.p., 230 e.p., tanks, inc. tax..gal. .14 - .14½
62.2, 104 l.b.p., 208 e.p., tanks, inc. tax..gal. .14 - .14½
East Coast, tanks.....gal. .09½- —
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .07½- .07½
Philadelphia, ex tax...gal. .13 -
St. Louis, ex tax.....gal. .142 - .153
Solvent, rubber, at refinery:—
California, 60.2-68.5, 167 l.b.p., 230 e.p., tanks, inc. tax..gal. .14 - .14½
62.2, 104 l.b.p., 208 e.p., tanks, inc. tax..gal. .14 - .14½
East Coast, tanks.....gal. .09½- —
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .07½- .07½
standard, 160 l.b.p., 288 e.p., tanks..gal. .07½- .07½
Stoddard (CS 8-28), at refinery):—
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06½- .07
tankwagon, Boston, ex tax, gal. .13½-
Chicago, inc, 3c. tax..gal. .14 - .15
Decatur, inc. 3c. tax..gal. .14½- .15½
Des Moines, inc.3c.tax.gal. .163 - .173
Evansville, Ind., ex tax.gal. .142 - .152

Petroleum solvent, Stoddard, tankwagon, Milwaukee, inc. 4c. tax..gal. .178 .188
Minneapolis-St. Paul, inc. 3c. tax.gal. .154 - .164
Newark, ex tax.....gal. .10½- —
New York, ex tax.....gal. .10½- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha, ex tax.....gal. .13 - .14
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax.....gal. .11½- .12½
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 35.5, 300 l.b.p., 413 e.p., low aniline, tanks, f.o.b. Los Angeles...gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .12½- —
Seattle, Wash....gal. .12½- —
42-46, 300 l.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .12½- —
Richmond .....gal. .12 - —
Southern California.gal. .11½- —
56, 300 l.b.p., 395 e.p., tanks, f.o.b. El Segundo, gal. .12½- —
Portland, Ore.....gal. .14½- —
Richmond .....gal. .14 - —
Seattle, Wash.....
East Coast, 43-47, tanks.gal. .09 -
47-49, tanks.....gal. .09 -
Group 3, tanks.....gal. .06½- .09½
Pennsylvania, tanks....gal. .06½- -
tankwagon, tax included:—
Albany .....gal. .11 - —
Baltimore .....gal. .12 - .13
Bingham, N. Y.....gal. .14 - .15
Boston .....gal. .12 - .13
Bridgeport, Conn.....gal. .13 -
Buffalo .....gal. .12½- —
Camden N. J.....gal. .11 - .13
Chicago .....gal. .152 - .162
Decatur, Ill.....gal. .175 - —
Des Moines.....gal. .163 - .173

Petroleum thinner, tankwagon, Evansville, Ind.....gal. .142 - .152
Milwaukee .....gal. .178 - .188
Minneapolis-St. Paul..gal. .203 - .213
Newark ... gal. .10½- —
New York (200 gals.).gal. .10½- —
smaller lots.....gal. .11 - —
Omaha .....gal. .140 - .149
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .13
Providence .....gal. .12 - .13
Rochester .....gal. .12 - .13
St. Louis.....gal. .129 - .143
Syracuse .....gal. .13 - .15
Trenton .....gal. .11½- .12½
Wilmington, Del.....gal. .15 - —
contracts, 1,000 gals.gal. .13 -
Phenobarbital, bots.....lb. 4.50 - 4.55
Phenol, USP, dms, c.l., works, frt. equald..lb. .14¼- —
l.c.l., same basis.....lb. .15 - —
tins, c.l., same basis.....lb. .15¼- —
l.c.l., same basis.....lb. .16 - —
Phenolphthalein, USP, bbls.,dms., 2,000 lbs..lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls.....lb. .70 - —
Phenyl chloride, dms.....lb. .16 - —
Phenylacetalhedyde, bots.....lb. 3.50 - 6.75
Phenylhydrazin hydrochloride, CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works..lb. 3.30 - 6.50
pure, bots., works.....lb. 2.95 - 3.25
Phloroglucinol, CP, tins, works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines..long ton. 4.25 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.30

Phosphate rock, Fla., land pebble, 72% min., bulk, mines..long ton. 2.85 - —
75% basis, 68% min., bulk mines..long ton. 3.35 - —
Tenn., 72%, bulk, mines..... long ton. 4.50 - —
72%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .23 - .07½
Oxychloride, cyls.....lb. .16 - .20
Sesquisulphide, cs.....lb. .23 - .43
Trichloride, cyls.....lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .06 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 2.75
Nitrate, bots., vls.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .14 - .14½
Pinkroot, bls.....lb. .35 - .30
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 20.00 -21.00
f.o.b. works.....ton. 15.00 - —
Linseed, dms.....lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 4.00 - 4.50
Stearin, dms.....lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, cns.....lb. 8.00 - 8.25
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .13 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .35 - .40
Seed, Dutch, bgs.....lb. .07½- .08
Hungarian, bgs.....lb. .07½ Nom.
Polish, bgs.....lb. .07¼- .07¾
Potash acetate, USP, bbls.,kgs.lb. .22 - .23
50% sol., bbls.....lb. .06½- .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .13
gran., bbls.....lb. .10 - .13
Bichromate, bbls.....lb. .06½- .09
Binoxalate, dms.....lb. .23 -
Bisulphate, kgs.....lb. .15½- .18
Bromide, bbls.....lb. .31 - .33
Carbonate, calc., 99-100%,cks.lb. .06½- .08
96-98%, cks., c.l., Bost., Balto. arrival..lb. .06¾- —
l.c.l., 5 or over, same basis..lb. .07¼- —
N. Y. arrival.....lb. .07¼- —
N. Y. stocks.....lb. .07¼- —
less than 5, Bost.,Balto. arrival..lb. .07¼- —
N. Y. arrival.....lb. .07¾- —
N. Y. stocks.....lb. .07¾- —
80-85%, cks.....lb. .07¼- .07½
hydrated, 83-85%, bbls., c.l., works..lb. .06 - —
l.c.l., 10 or over.....lb. .06½- —
1-9 .....lb. .06¾- —
liquid, dms., dlvd.....lb. .06½- .06¾
USP, gran., bbls.....lb. .14 - —
powd., bbls.....lb. .17 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
Import., dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .06¼- .06¼
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Import., cks.....lb. .06¼- .06¾
Chlorate cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .08¾
Chloride, tech., 98% cryst., bbls..lb. .04 - .04½
Chromate, kgs.....lb. .23 - .25
Citrate, USP, gran., bbls., 250 lbs..lb. .36 - —
kgs., 100 lbs.....lb. .37 - —
cns., 50 lbs.....lb. .38 - —
cns., 25 lbs.....lb. .40 - .41
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs..lb. 1.25 - 1.30
Guaiacolsulphonate, cns.....lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns.lb. .36 - .37
Hypophosphite, cns.....lb. .72 - .77
Iodate, bbls.....lb. 3.20 - 3.25
Iodide, bbls., 25 lb. dms.....lb. 1.10 - 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports..ton. 12.00 - —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.
Manure salt, dom., 20%, K_2O, bulk, c.l.f. ports..ton. 12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 30% K_2O, bulk, shipt. unit-ton. .55 - —
Metabisulphite, kgs.....lb. .13½- —
Muriate, dom., all strengths, min. 50% K_2O, bulk..unit-ton. .50 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Nitrate, crude, import, bulk, bgs., ex vessel West Coast ports..ton. 31.00 -33.00
Oxalate, pure, cryst., kgs....lb. .20 - .21
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Potash permanganate, tech., dms..lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .3.
Yellow, bbls.....lb. .18 - .19
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, bbls.....lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton. 36.25 - —
Vegetable, bulk, f.o.b. Balto.ton. 19.97 Nom.
Xanthate, dms., c.l.....lb. .12 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-58%, min. 48%, bgs., shipt. ton. 24.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .17½- .18
Propane, tanks, G.S.....gal. .01½- .04¾
Propane, tanks, G.S.....gal. .03 - .04½
Psyllium seed (see Flaxseed).
Pulsatilla, bls.....lb. .15 - .18
Pumice stone, Italian,Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 5 or over, works..lb. .03 - —
less than 5, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3 works..lb. .04 - —
0, 0½, 0¾, and ½, bbls., 3 or over, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —

NUMBER SIX OF A SERIES OF FAMOUS PIONEERS IN CHEMICAL HISTORY



IN 1774 Scheele, the Swedish pharmacist, while investigating the properties of manganese dioxide, accidentally produced chlorine. Not recognizing the gas as a new element, Scheele named it "dephlogisticated muriatic acid" in accordance with the "phlogiston" theory of that time. It was some years, however, before Scheele's discovery found commercial application in the form of chloride of lime or bleaching powder, and nearly one hundred and fifty years before the wide usefulness of chlorine was fully realized. Ever since the advent of liquefied chlorine gas, early in the present century, Mathieson has been a pioneer in new developments connected with the production, distribution and efficient application of chlorine and chlorine products.

One of the unique distinctions gained by Scheele was an election to the Swedish Academy of Science, an honor never accorded, before or since, to a student of pharmacy. The greatest chemical discoverer of his age, Scheele's accomplishments were the more striking in contrast with their background. An obscure apothecary, living a solitary life in a small town on the shore of a Scandinavian lake, he was constantly harassed by poverty and debt and was at times the victim of the most depressing melancholy.

The MATHIESON ALKALI WORKS (*Inc.*), 60 East 42nd St., New York, N.Y.

SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH AND HTH-15 . . .

Mathieson Chemicals

AMMONIA, ANHYDROUS AND AQUA . . . PH-PLUS (FUSED ALKALI) . . . SOLID CARBON DIOXIDE . . . CCH (INDUSTRIAL HYPOCHLORITE)

Pumice stone, Italian, Ital.-grd., bgs., c.l., shipt., ex dock, N. Y..ton.33.00 - —
l.c.l., 5-20 tons, ex whse. ton.38.00 - —
1,000-19,000 lbs., ex whse..ton.39.00 - —
2 bgs. to 1,000 lbs., ex whse..ton.41.00 - —
single bgs.,ex whse.ton.46.00 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.75 - —
refined, dms.....100 lbs. 5.25 - —
standard, dms.....100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 4.25 - 4.60
standard make.....gal. 4.25 - 4.60
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.25 - 6.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over..lb. .11½- —
fine powd., Dalmat., bbls., kgs..lb. .14 - .15
Japan, bbls., 5 tons.....lb. .14 - —
Pyridin, denaturing, dms.....gal. 1.30 - —
refd., 2°, dms.....lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins.lb. 4.60 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 25% tan., bbls., works..lb. .06½- —
tanks, works.....lb. .02½- —
solid, 62%, bgs., c.l., ex dock, plus duty..lb. .03½- —
clarified, 64%, bgs.,c.l., same basis..lb. .03½- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flask.88.00 -92.00
Quince seed, bgs.....lb. .45 - 1.85
Quinidine, cryst., small, cns....oz. .96 - —
large, cns.....oz. .98 - —
pwd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydriodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride, cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .57
Rapeseed, Belgian, bgs.....lb. .04¾- .05½
Dutch, bgs.....lb. .05¼- .05¾
Japanese, bgs.....lb. .05¼- .05¾
Raspberries, dried, bbls.....lb. .65 - .70
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., c.l., works.lb. 2.00 - —
l.c.l., works.....lb. 2.50 - —
Orange, bbls., c.l., works..lb. 1.50 - —
l.c.l. works.....lb. 1.75 - —
Carmine 40, cns., 300 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Rosin, kgs.....lb. .05 - —
Red, Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
80%-85%, bbls., same basis..lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.05 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls lb. 1.30 - —
Metallic, bbls., Pa., works..lb. .08 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
50% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.lb. .03½- —
f.o.b. St. Louis.....lb. .03¾- —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03¾- —
St. Louis.....lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .04½- —
ex whse., Chgo., Cleve., Pgh..lb. .04¼- —
2 bbls., c.l., f.o.b. N. Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .02¾- —
f.o.b. St. Louis.....lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03 - —
St. Louis.....lb. .03¼- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .03½- —
3, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .0265- —
f.o.b. St. Louis.....lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290- —
St. Louis.....lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .0340- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .23½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .22 - —
9, bbls., same basis.....lb. .21½- —
10, bbls., same basis.....lb. .18½- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0210- —
12%, bbls., works.....lb. .0224- —
20%, bbls., works.....lb. .0244- —
25%, bbls., works.....lb. .0270- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0330- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .35 - —
English quicksilver, bbls., 500-lbs..lb. 1.65 - —
smaller lots.....lb. 1.90 - 1.75
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX bxs., fib. dms., kgs., 100-lbs..lb. 1.64 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs., works.lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .30 - .31
powd., bbls., kgs.....lb. .34 - .35
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .22 - .24
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05¼
Rosin, gum, B, bbls., ex dock, 280 lbs. 7.25 - —
D, bbls.....280 lbs. 7.25 - —
E, bbls.....280 lbs. 7.25 - —
F, bbls.....280 lbs. 7.25 - —
G, bbls.....280 lbs. 7.25 - —
H, bbls.....280 lbs. 7.25 - —
I, bbls.....280 lbs. 7.25 - —
K, bbls.....280 lbs. 7.25 - —
M, bbls.....280 lbs. 7.25 - —
N, bbls.....280 lbs. 7.27½- —
W. G., bbls.....280 lbs. 7.35 - —
W. W., bbls.....280 lbs. 8.15 - —
X, bbls.....280 lbs. 8.15 - —
Rosin, wood, F.F., bbls., spot. 280 lbs. 6.77 - 7.80
works .....280 lbs. 6.05 - —
I, bbls., spot.....280 lbs. 7.12 - 8.15
works .....280 lbs. 6.40 - —
M, bbls., spot.....280 lbs. 7.32 - 8.35
works .....280 lbs. 6.60 - —
N, bbls., spot.....280 lbs. 7.82 - 8.85
works .....280 lbs. 7.10 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.55.00 - —
l.c.l., ex whse.....ton.60.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .22

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Sabadilla seed, powd., bbls....lb. .21 - .22
Saccharin, cns., 1,000 lbs.....lb. 1.70 -
smaller lots.....lb. 1.75 - 1.80
Safflower, bls.....lb. .33 - .35
Saffron, Mexican, bls.....lb. .50 - .53
Spanish, tins.....lb. 18.00 -22.00
Safrol, cns.....lb. .87 - —
dms.....lb. .84 - —
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls.....lb. .06½- .06½
Sage flour, bgs.....lb. .02¾- .03¾
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y..ton.14.00 -14.85
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -20.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -13.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 50 to c.l.....100 lbs. 6.90 - 7.25
5-24 .....100 lbs. 7.00 - 7.75
1-4 .....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24 .....100 lbs. 6.00 - —
1-4 .....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24 .....100 lbs. 7.00 - —
1-4 .....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb. 43.00 -45.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls.....lb. .11 - .12
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .19 - .21
Savory, bls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .18 - .20
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .45 - .50
Seidlitz mixture, bbls.....lb. .11½- —
kegs .....lb. .11¾- —
Senega root, bls.....lb. .85 - .88
Senna leaves, Alexandria, bls.lb. .09 - .10
Tinnevelly, No. 1, bls.....lb. .12 - .13
2, bls.....lb. .08 - .09
3, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .08
Serpentaria root, bls.....lb. .52 - .55
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .18 - .19
dlvd. Boston.....lb. .18½- .19½
Chicago .....lb. .19 - .20
Pacific Coast.....lb. .21 - .23
refd., bbls., f.o.b. N.Y.....lb. .27 - —
dlvd. Boston .....lb. .27½- —
Chicago .....lb. .28 - —
Pacific Coast.....lb. .30 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .15½- .16
dlvd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
Varnish, orange, 5-lb. cut, bbls. lb. .80 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.....gal. 1.05 - 1.20
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut bbls.....gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works, ton.20.00 - —
l.c.l., 2½ tons, works, ton.21.50 - —
smaller lots, works, ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.25.00 - —
l.c.l., 2½ tons, works, ton.26.50 - —
smaller lots, works, ton.28.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.21.00 - —
l.c.l., 2½ tons, works, ton.22.50 - —
smaller lots, works, ton.24.00 - —
99-99% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works, ton.23.50 - —
smaller lots, works, ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32¾- .34½
Nucleinate, cns., 500 ozs....oz. .35 - .38
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .20 - .22
Western, bls.....lb. .18 - .19
Skunk cabbage root, bls.....lb. .11 - .13
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11 - .12
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .06½- .13
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .04 - —
Antimoniate, bbls.....lb. .12 - .13½
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.18 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.43 - —
2 .....100 lbs. 2.53 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l. .....100 lbs. 1.00 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.97 - —
4 .....100 lbs. 3.37 - —
5 .....100 lbs. 2.67 - —
bulk, c.l.....100 lbs. 1.00 - —

Pumice—Soda, Nitrate

Soda ash, light, 58%, bgs., c.l, works..100 lbs. 1.20 - 1.23
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.83 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs., ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. R. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)
Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works.100 lbs. 1.85 - —
l.c.l., dlvd. N.Y....100 lbs. 2.85 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y....100 lbs. 2.80 - —
Bichromate, cnks.....lb. .06½- .07
Bifluoride, bbls.....lb. .11¾- .13
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 2.25 - 2.35
l.c.l., works.....100 lbs. 2.50 - 2.60
solution, 35-40%, chys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .33
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1....100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —
electro, process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76% ammon. process, dms., c.l., works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A .....100 lbs. 3.65 - —
2 .....100 lbs. 3.75 - —
3 .....100 lbs. 4.00 - —
4 .....100 lbs. 4.40 - —
5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.85 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¾- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09¼
Citrate, USP VIII, gran., bbls., 225 lbs. .22 - —
cns., 50 lbs.....lb. .24 - —
25 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .28½- —
cns., 50 lbs.....lb. .30½- —
25 lbs.....lb. .32½- .33½
kgs., 100 lbs.....lb. .29½- —
powd., bbls., 250 lbs.....lb. .29 - —
cns., 50 lbs.....lb. .31 - —
25 lbs.....lb. .33 - .34
kgs., 100 lbs.....lb. .30 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17¼
Import., cs.....lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphate, bbls.....lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 2.65
gran., bbls.....100 lbs. 2.75 - 2.80
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd.....100 lbs. 3.15 - 3.75
gran., bbls., c.l., works.100 lbs. 2.15 - —
l.c.l. dlvd.....100 lbs. 2.55 - 3.15
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.50 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, natural, 100-lb. bgs., Sept. dlvy., ports, ton.26.50 - —
200-lb. bgs., same basis. ton.25.80 - —
bulk, same basis.....ton.24.50 - —
Natural soda nitrate prices for Oct.-June dlvy. at ports for New England, N. Y., N. J., Pa., Del., Md. (Eastern shore), Ky., and district 10, are $1 per ton higher than September prices.
synthetic, 100-lb. bgs, Sept. dlvy., ports..ton.26.50 - —
Oct.-June dlvy., ports.ton.27.50 - —
200-lb. bgs., Sept. dlvy., ports..ton.25.80 - —
Oct.-June dlvy., ports.ton.26.80 - —
bulk, Sept. dlvy., ports.ton.24.50 - —
Oct.-June dlvy., ports.ton.25.50 - —
rfd., gran., bbls.....100 lbs. 2.25 - —
powd., bbls.....lb. .06¾- —

Soda Nitrate—Thyme

Soda nitrite, 96-98%, doms., bbls., c.l. ..lb. .0710- .0735
l.c.l. ..lb. .0825-.1175
Oxalate, neut., bbls., kgs....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. ..100 lbs. 8.35 - —
Tribasic, bgs. c.l. dlvd. E..... 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.80 - —
bbls., c.l. dlvd E....100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over.. 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs, c.l., dlvd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.
Picramate, kgs.....lb. .97 - .99
Prussiate, yellow, dom., bbls., works, contracts..lb. .11½- —
prompt shipmt.....lb. .12 - .13
import, cks., contracts....lb. .11½- —
prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs. dlvd. N.Y.....100 lbs. 1.20 - —
works .....140 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.20 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Soda silicate, 40° turbid, dms., c.l., works, 100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works.100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .07 - .07¼
import, bbls.....lb. .07 - .07¼
Stannate, dms.....lb. .31 - .34
Stearate, lump, bbls, works..lb. .30
powd., bbls., works.....lb. .28 -
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt.equald.100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.80 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .32
Soda sulphocyanide, dms., cns..lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .30 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .24 - .25
Spikenard root, bls.....lb. .12 - .13
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01½- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .14 - .15
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .08 Nom.
Starch, corn, pearl, bgs...100 lbs. 4.04 - 4.15
powd., bgs.....lb. 4.16 - 4.36
Iodide, bots .....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .03½- .03¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .10½- .10⅝
Stillingia root, bls.....lb. .07 - .08
Stonecrop, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .08 - .09
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, obls.....lb. .30 - .41
Iodide, jars.....lb. 2.90 - 2.95
Nitrate, dom., works, bbls...lb. .08 - .09
import., cks.....lb. .08 - .09
Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .32 - .35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
milk, bbls., c.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10 .....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton. 18.00 - —
less than 1,000 tons, mines. contracts..long ton. 20.00 - —
c.l., spot, nearby..long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports. long ton. 25.00 -35.00
Bost., Portland..long ton. 22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls. .....100 lbs. 3.85 - 4.10
ref., broken, bgs.....100 lbs. 2.15 - 2.90
bbls. .....100 lbs. 2.30 - 3.05
flour, com'l, bgs.....100 lbs. 1.69 - 2.35
bbls. .....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 3.20 - 3.95
heavy, bgs.....100 lbs. 2.55 - 3.30
bbls. .....100 lbs. 2.90 - 3.65
light, bgs.....100 lbs. 2.65 - 3.40
bbls. .....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.35 - 3.10
bbls. .....100 lbs. 2.50 - 3.25
Chloride, dms., works.....lb. .03½- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works. lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots.- jars.....lb. 3.80 - 3.85
Sumac, Sicilian, grd, bgs....ton. 60.00 - —
Extract, 42°, bbls.....lb. .04½- .05½
51°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .08½- .09¾
Leaf, Sicilian, bls.....ton. 65.00 - —
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- Nom.
poultry, bgs.....lb. .05½- Nom.
Hungarian medium, bgs..lb. .06¾- .07¼
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 93-94% 325 mesh, bgs., c.l., mills. ton. 13.00 - —
l.c.l., mills.....ton. 15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
coarse, off color, bgs., c.l., mills..ton. 10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
Import., Canad., bgs., c.l., dlvd. ton. 28.00 - —
l.c.l., dlvd.....ton. 28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -50.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton. 75.00 -77.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival. ton. 70.00 -72.00
ex whse.....ton. 75.00 - —
Tallow, animal, edible, bbls...lb. .09 Nom.
extra loose, works.....lb. .07 - —
special, loose, works.....lb. .06¾- —
sulphonated, 55% (24% fat), dms., c.l..lb. .06 - —
l.c.l. .....lb. .06½- —
50% (42% fat), dms., c.l..lb. .06½- —
l.c.l. .....lb. .07 - —
50% (48% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
Tamarinds, W. I., bbls.....lb. .05½- .06
kegs .....keg 4.00 - 5.00
Tankage, animal, dom., grd., 10-15%, bulk, unit-ton. 4.00 & .10
ungr., 10-15%, bulk, unit-ton. 4.00 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 3.50 & .10
high-grade, feeding, 11-12%, bulk, Chicago, unit-ton. 4.75 & .10
import., S. Amer., bulk, c.i.f. ports, Sept. shipt., unit-ton. 3.75 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .03¾
Tar, pine, retort, bbls., dlvd. ports gal. .26 - —
dms., c.l., dlvd. E. cities. gal. .26 - —
dlvd. ports.....gal. .25 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd., bbls.....lb. .80 - .80½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .30 - —
dms. .....lb. .28 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .15¾- —
tanks .....lb. .14 - —
contracts .....lb. .15 - —
Terra alba (see Gypsum).
Tetrachlorethane, dms., works. lb. .09 - .09½
Tetrachloroethylene, CP, dms. lb. .30 - .32
tech., dms.....lb. .2[illegible] - .2[illegible]
Tetralin, dms.....lb. .12 - —
Theobromine, cns.....lb. 1.85 - 1.90
Sodiosalicylate, cns.....lb. 1.65 - 1.70
Thiocarbanilide, dms.....lb. .30 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11¼- .11⅝

Outstanding features of CRYPTONE ZS-20 enable you to produce high hiding paints more economically

Its hiding power alone makes Cryptone ZS-20 an exceptionally valuable white pigment. But other outstanding characteristics—color, ease of grinding, uniformity, and its non-settling property—sometimes not fully appreciated—unite to make this a unique paint pigment.

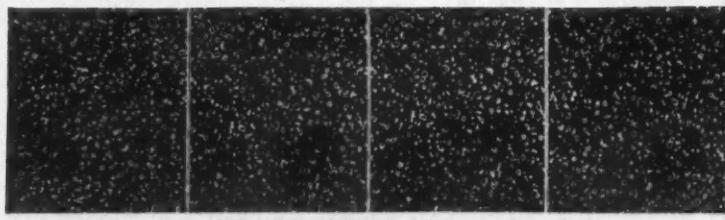
This pigment has an established reputation for ease of grinding. In fact, Cryptone ZS-20 is the easiest of the high hiding white pigments to grind.

Cryptone ZS-20 is increasing in popularity due to its non-settling property—of particular value in preserving the desirable qualities of shelf goods.

And don't forget Cryptone ZS-20, like all New Jersey Zinc pigments, is unsurpassed for uniformity, producing and maintaining the desired body from batch to batch.

Have you tested Cryptone ZS-20? If not, the coupon will bring you a sample.

CRYPTONE ZS-20
TECHNICALLY PURE ZINC SULPHIDE



Photomicrograph of Cryptone ZS-20 (magnification 1285 X)

THE NEW JERSEY ZINC COMPANY
160 FRONT STREET NEW YORK

Please send me a sample of Cryptone ZS-20.

NAME.....

ADDRESS.....

CITY.....

Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.65
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Tin, crystals, bbls., kgs.....lb. .35½- .36
Metal, Straits.....lb. .46 - —
Oxide, bbls.....lb. .49 - .51
Tetrachloride, anhyd., bbls..lb. .23¼- —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal.lb. .17 - —
l.c.l., 5 tons, E., dlvd....lb. .17½- —
Pac. cst., ex whse....lb. .17½- —
1 ton, E., dlvd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
50 lbs., E., dlvd.....lb. .18¼- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E. frt. alld..lb. .17¼- —
l.c.l., 5 tons, E., dlvd....lb. .17¾- —
1 ton, E., dlvd.....lb. .18¼- —
50 lbs., E., dlvd.....lb. .18¾- —
pigment, barium base, bgs., c.l. (20 tons), E. frt. alld. lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06½- —
calcium base, c.l. (20 tons), E., frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd..lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 3.00
Triacetin, dms.....lb. .36 - —
Triamylamine, dms., l.c.l.,works. lb. 1.25 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .46½- —
dms., c.l., dlvd.....lb. .32½- —
500 lbs., dlvd.....lb. .36½- —
tech., 1, cns., dlvd.....lb. .35 - —
dms., c.l., dlvd.....lb. .23 - —
500 lbs. dlvd.....lb. .25 - —
2, cns., dlvd.....lb. .33 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .23 - —
Triethanolamine, dms., works.lb. .26 - .30
Triphenyl phosphate, dms.....lb. .37 - .39
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.50 - —
l.c.l., ex whse. N.Y.....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs.,c.l.,works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs...lb. .06¼- .06¾
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .42 - —
l.c.l., 10, ex dock.....gal. .44 - —
5, ex dock.....gal. .46 - —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .36 - —
l.c.l., same basis.....gal. .38 - —
tanks, dlvd. E. cities..gal. .31 - —
steam-dist., dms., c.l., dlvd. steam-dist.,dms., c.l., dlvd.gal. .41 - —
l.c.l., dlvd.....gal. .44 - —
tanks, dlvd.....gal. .36 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
Import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports. unit-ton. No prices
Uva ursi leaves, bls.....lb. .08 - .09

V

Valonia, beards, bgs., shipt..ton.46.00 Nom.
Cups, bgs., shipt.....ton.35.00 Nom.
Cups, bgs., shipt.....ton.35.00 -42.00
Vanilla beans, Bourbon, tins..lb. 3.25 - 3.75
Mexican, tins.....lb. 3.25 - 4.50
cut, tins.....lb. 3.00 - 3.25
South American, tins.....lb. 3.00 - 3.25
Vanillin, ex eugenol, tins,100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.35
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .49
Verdigris, kgs.....lb. .24 Nom.
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root, bark, bls.....lb. .60 - .65
tree, barks, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.30.00 - —
Extract, 60°, bbls.....lb. .03¾- —
Wax, bayberry, import, bgs...lb. .17½- .20
Bees, white, bleach., slabs,, cs., 500 los..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .24 - .25
1 bg.....lb. .24½- .25
Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28½
refd., slabs, cs., 500 lbs...lb. .28 - .30
Candelilla, bgs., 1 ton.....lb. .16 - .17
jobbing lots.....lb. .16½- .17½
Carnauba, chalky 3, bgs., 1 ton. lb. .35¼- .35¾
5 bgs.....lb. .35¾- .36¼
1 bg.....lb. .36¼- .36¾
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .35¼- .35¾
5 bgs.....lb. .35¾- .36¼
1 bg.....lb. .36¼- .36¾
refined, bgs.....lb. .40 - .41
yellow, 1, bgs., 1 ton.....lb. .40 - .40½
3, bgs.....lb. .40½- .41
1, bg.....lb. .47 - .47½
2, bgs.....lb. .44 - .44½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08 - —
jobbing lots.....lb. .09 - —
150°-160° m.p., bgs.,1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160° m.p., bgs., 1 ton.....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p., bgs., 1 ton..lb. .43 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton.lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .46 - —
yellow, natural, 176° m.p., bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .08¼- .08¾
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11½
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs...lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, powd., bbls., bxs., fib. dms...lb. 1.66 - —
Whiting, chalk, coml., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to $2 per ton..ton.10.00 - —
99.75% 200 mesh, bgs.,c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-93% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .06
rossed, green, bls.....lb. .06 - .06½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works.. ton.18.00 -24.00
import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
90-100 mesh, bgs.,ex dock.ton.25.50 - —
150 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.00 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .33 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of maha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. .90 - .95
Yellow, bbls.. works.....lb. .90 - —
Chrome, CP, bbls., dlvd. N of Tenn. and N.C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul, contracts..lb. .11 - —
open order.....lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03¼- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02¼- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex car L. Angeles. lb. .0335- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .03225- —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02¾- —
from whse.....lb. .03¼- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, N. Y.....lb. .02¾- —
S. Pedro, Seattle.lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 - —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco, Seattle.lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾- —
N. Y.....lb. .03½- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03½- —
f.o.b. Bethlehem, Easton..lb. .03½- —
N.Y., from dock...lb. .02½- —
from whse.....lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O)
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthoriza), bls lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.60

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12¾
dealers.....lb. .09¾- .12¾
jobbers, E. of Rockies.lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over..lb. .10½- .13½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 95 lbs or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .21 - .22
Chloride, fused, dms., works.lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .09 - —
Cyanide, kgs., works.....lb. .36 - .37
Dust, bbls., c.l., dlvd.....lb. .0685- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0760- —
less than 10,000 lbs., dlvd. lb. .0810- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05

Thymol—Zirconium Oxide

Zinc metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac.cst..lb. .05¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
leaded, 6%, 25%, 50%, bgs., c.l., dlvd..lb. .04¾- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse..Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse..Pac. cst.lb. .05¾- —
French process, coml., lead-free, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
green seal, bgs, c.l., dlvd. lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd. except Pac. cst..lb. .06½- —
ex-whse.,Pac. cst.lb. .06½- —
red seal, bgs., c.l., dlvd. lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05¾- —
ex whse., Pac. cst. lb. .05¾- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex-whse.,Pac. cst.lb. .07 - —
import., gold seal, cks., ex dock..lb. .10¾- 11¼
green seal, bbls.,1-15 tons, ex dock..lb. .07½- .09½
ex whse.....lb. .07¾- .09¾
red seal, bbls., 1-15 tons, ex dock..lb. .08¾- —
ex whse.....lb. .09 - —
white seal, eks., lots of 5, ex dock..lb. .09¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock lb. .10 - —
ex whse.....lb. .10¼- —
USP, bbls., c.l.....lb. .08 - —
l.c.l.....lb. .08¼- —
Palmitate, bbls.....lb. .22 - .23
Resinate, fused, pale, bbls...lb. .09 - .10
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
1,000-2,000 lbs.....lb. .21 - —
less than 1,000 lbs...lb. .22 - —
USP, bbls.....lb. .20 - .21
Sulphate, cryst., bgs., c.l.100 lbs. 2.60 -
l.c.l.....100 lbs. 3.15 - —
bbls., c.l.....100 lbs. 2.80 -
l.c.l.....100 lbs. 3.30 -
flake, bgs., c.l....100 lbs. 3.05 - —
l.c.l.....100 lbs. 3.55 -
bbls., c.l.....100 lbs. 3.20 -
l.c.l.....100 lbs. 3.70 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l.....100 lbs. 4.85 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l.....100 lbs. 5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .10¼- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb. .11 - —
1 ton, same basis.....lb. .11¼- —
smaller lots, same basis.lb. .11½- —
bbls., c.l. (20 tons), dlvd..lb. .10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb. .11¼- —
1 ton, same basis.....lb. .11½- —
smaller lots, same basis.lb. .11¾- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, cks....lb. .0465- .05
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb. .08¾- —
l.c.l., dlvd. except Pac. cst..lb. .04½- —
ex whse., Pac. cst....lb. .04½- —
Zirconium nitrate, bgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¾- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the September 7 issue; the next printing will be in the October 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 37.

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Let There Be No Boom

The steady and substantial gains that have been made by industry and commerce this year have been publicly recognized recently by several able and reliable commentators on business conditions. The share of the chemical and related industries in this progress has been noted in these columns from time to time since the definiteness of the upswing became evident. There can be no questioning of the current existence and growth of business improvement.

Some commentators are puzzled because certain former characteristics of prosperity are lacking at the present time. They point, for example, to the fact that, although industrial activity has regained the volume of eight years ago, commercial loans by banks have not increased commensurately. They might, with equal pertinence, note also that loans to brokers show a much larger shrinkage than commercial loans. These observers overlook one important fact: industry has reached its present high stage of recovery through the influence—where lending has been necessary—of loans to consumers rather than of loans to producers. The money has been applied as a stimulant at the bottom, instead of the top as it was in the early years of the preceding decade.

Fertilization is always most effectively applied at the roots. The consumer, beyond all question, is the root of business. Production and distribution must and do live on consumption, not on capitalization.

Stimulation of capitalization, instead of consumption, makes for booms; because booms are inevitably the consequence when overcapitalization or some simpler form of greed pushes to realization the ever-present possibility of making and selling more than can be paid for with the national purchasing power. But, booms are not sound prosperity. Their levitating power cannot be so widely applied as to raise the general level. Some part of the body economic must pay for the inflating of the part that is booming. And booms always burst.

It is encouraging to see that the best equipped commentators on business conditions are warning against boom tendencies. Their warning should be heeded. Seven years is not a long enough time to bring full forgetting of the boom that burst that long ago.

F.T.C. Is Not Trade Counsel

Early in the era of the Patman act the Federal Trade Commission publicly stated that it was impracticable for it to express informal opinions on the legality of matters presented hypothetically or ex parte. The commission's desire to avoid being "put on the spot" was natural. Apparently what it said has not been taken by all as what it meant.

The commission has been "put on the spot" by published misrepresentation of Patman act opinions of private individuals as official utterances. Resenting such practices, officials of the commission have made it perfectly plain that it meant what it said in declaring that it was an administrative, not an advisory, agency.

The position of the commission is unequivocally presented in an article on page 3 of this issue. Due warning is passed to all trades that Patman act advice is only that and nothing more, and that the commission is not an adviser in this respect.

—O-P-D—

Advertising And Selling

The effects of the Patman act on many theories and dogmas of commercial economics are many and peculiar. Mention was made herein a short time ago of the difficulty that self-styled "efficient" distributors were having in maintaining that claim and at the same time denouncing the Patman act. Another clashing of beliefs has come to light through certain comments on the effects of the act on sales of nationally advertised goods.

The sentiment has been quite prevalent among manufacturers of nationally advertised goods that their advertising did practically all the selling of their wares; that all that the dealer had to do was wrap up the article and ring up the money. Because of this belief, these manufacturers considered it wholly unnecessary to advertise in trade publications or to do anything else to cultivate the goodwill of dealers, or even to make, or keep, them acquainted with a product.

If that belief was sound, there is no reason why these same manufacturers should now be disturbed by expectations that dealers will not push the sale of goods on which they are not given discriminating concessions in price.

It may be true that distributors, long coddled by manufacturers with discounts and push-money, will put more push behind goods with their own name than they applied when there was money for them in selling nationally advertised goods "below cost." The matter is doubtful, however, because, even with the concessions these goods cost more than the own-name substitutes, and the latter have always been pushed hard.

But, if it is national advertising, and not the dealer, that sells goods, what matters it whether a dealer pushes them? The customer, having been "sold" by the advertising, will go elsewhere to be supplied.

That solution of the problem is far too simple. The influence of the dealer, particularly of the individual storekeeper who is a neighbor to his customers, is a very important factor in the sale of any article to the public. This has been proved by the effects of regional boycotts time and again.

Elimination of price-discrimination will put ten dealers behind the sale of an article for every formerly favored one that it estranges. The "big fellows" have not sold the larger part of any nationally advertised article. The reason why the volume of their sales has been relatively large is simply that they have had one advantage over their smaller competitors: they were able to sell at a lower price. It was not their push.

In the absence of an advantage in price, the customer for a nationally advertised article will go to the nearest dealer. Whether he is met with a "switching" suggestion will depend largely on the manufacturer. National advertising does sell goods. It is not, however, the only factor in their selling.

—O-P-D—

Drug Law Revision

Work has been started on the preparation of a legislative bill to propose in the next session of Congress revision of the Federal food and drugs act. This proposal will be made by the senator and the representative who sponsored the bill that came the closest to being passed in the preceding session. It may reasonably be assumed that this will be but one of many proposals of similar purpose.

One of the best reasons for expecting that the direct successor of S. 5 will not be alone in the congressional field of food, drugs, and cosmetic legislation is the fact that its authors-to-be declare that their work will be carried on in complete independence of the Department of Agriculture. Although such independent work could and might produce a bill that would be satisfactory to the Food and Drug Administration, to expect that it will do this is not justified by history. Also, talk is already going around to the effect that the department itself is engaged in the preparation of a food, drugs, and cosmetic bill.

Several indicators lend support to an expectation that the efforts in the next session of Congress to revise the food and drugs act will be directed in large part to still greater stringency than was characteristic of S. 5 in the preceding session. One indicator is the build-up of public sentiment that has been carried on during the interval. Another is the special endeavor that has been made, with noticeable success, to have the courts deal more severely with violators of the law. Stiff fines have been more common in these cases recently, and some substantial prison sentences have been imposed.

There is another angle to the recent activities of governmental agencies in line with the purposes of recent and current movements for revision of the food and drugs act. This is found in the many actions instituted and prosecuted by the Federal Trade Commission on charges of false, fraudulent, or misleading claims for medicines and cosmetics. Most of these cases have been settled by stipulation. This will afford a good test of the efficacy of the F.T.C. method as a check on false advertising. It remains to be seen whether the results will afford support for the commission's desire to have charge of advertising under the new food, drugs, and cosmetic law.

Members of the food, drug, and cosmetic industries have been invited to co-operate in the "independent" preparation of a new food, drugs, and cosmetic bill. They are asked for constructive suggestions for the improvement of existing regulations. This is an opportunity that should not be neglected. Furthermore, it should not be fumbled or muffed. Preservation of the good name of these industries demands that their participation in the movement for revision of the food and drugs act have the primary purpose of bettering the law for the protection of the public. In that way will they also best protect themselves.

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FOR TABLET MANUFACTURERS

These are only a few of the millions of tablets made with Merck Acid Acetylsalicylic starch granulations. They come out of tablet machines with the least possible amount of capping, sticking, splitting and pitting.

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Acid Acetylsalicylic Merck Granulated with 16% Starch (White)

Acid Acetylsalicylic Merck Granulated with 20% Starch (White)

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GRASSELLI GRADE
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C.S.A. Golf Trophy Won by Charles Kelly

The final golf tournament of the Chemical Salesmen's Association for this year was held at Pomonok Golf Club, Flushing, L. I., September 15. Ninety-three contestants participated in the golf matches and many more joined the group for the dinner which followed the tournament.

The trophy cup for low gross score was won by Charles Kelly, of Hagerty Brothers & Co., with Walter Merrell, of Joseph Turner & Co., and F. A. Neuberg, of the Warner Chemical Company, tieing for second place. The class A competition was won by D. W. Thompson, Mathieson Alkali Works. R. C. Fuortrup, of the Barrett Company, and P. C. Rielly, of the Rielly Tar & Chemical Corporation finished second and third respectively. The winners in the class B division, in the order in which they finished, were George Bode, of E. I. du Pont de Nemours & Co., C. M. Frost, of the Prior Chemical Corporation, and F. N. Greene, of the National Aniline and Chemical Company.

The Kickers handicap for members was won by J. M. Alvarez, of the Grasselli Chemical Co.; C. O. Lind, of the Dow Chemical Company, placing second, and W. I. Galliher of the Columbia Alkali Corporation finishing third. Results of the guest kicker's handicap were: F. F. Walters, winner; Charles Alexander, second, and C. L. Lightfoot, third. Special prizes in the kicker's handicap throughout the season were given to Frazier Moffatt of the U. S. Industrial Chemical Company, R. E. Dorland, and H. Kranich of the Kranich Soap Works.

Other prizes included: Guest low gross, to H. H. Finn, of the Standard Oil Company of New Jersey; longest drive, to G. Furman of Merck & Co.; best tee shot closest to the pin, to E. W. Haley of Columbia Alkali Corporation; and lowest number of putts, Walter Buehler, of the Barrett Company. The non-players prize was awarded to Grant Dorland.

Anhydrous Sodium Orthosilicate As Detergent in Treating Steel

A chemical development of great interest to the steel fabricating and finishing industries is the recently announced commercial production of anhydrous sodium orthosilicate (Na_4SiO_4). The material is in the form of white, free-flowing granules readily soluble in water. It is sold by the Pennsylvania Salt Manufacturing Company, Philadelphia, under the name, "Orthosil."

The chemical, dissolved in hot water, is said to be effective in removing all types of soil commonly found on steel in industrial processes, except that which can be removed by "pickling" in acid. It is offered as an ideal detergent in the cleaning of steel preparatory to tinning, electroplating, vitreous enameling, and painting. It is said to be suitable for use in any type of steel-cleaning equipment which uses alkaline detergents, and to be particularly efficient in electrolytic cleaning apparatus because of the high electrical conductivity of its solutions.

Anhydrous sodium orthosilicate in solution is said to have a pronounced tendency to "wet" steel, making for quick penetration to the surfaces of the metal itself and the consequent freeing of grease and dirt. When thus freed, the soil takes the form of an emulsion or suspension. Because of the excellent deflocculating properties of the chemical, this soil is held in dispersed condition throughout the system, and redeposition of dirt on the metal is prevented. Solutions of the new salt are readily rinsed from steel with ordinary water.

In contrast with many other alkaline salts used for detergent purposes, 'Orthosil" contains no water of crystallization. This naturally makes for economical shipping and handling. Because of its concentrated form and the superior detergent properties mentioned above, "Orthosil" is reported, both on laboratory scale and in regular plant operation, to be considerably more efficient than any of the alkaline detergents previously available commercially.

Gold Dust Corporation has divided its soap and shoe-polish operations into two separate organizations. J. F. Forsyth, formerly general sales manager, will be general manager of the shoe-polish division, and Stewart W. Coleman, formerly general manager of the George E. Marsh Company, soap manufacturer, will be general manager of the soap division. E. T. Marceau will be in charge of a new research and development department.

Heavy Chemicals

Further Betterment in General Demand—Tin Oxide Higher—Good Call for Feldspar—Soda Silicofluoride Firm—Anhydrous Ammonia Slower—Copper Salts Strong

Demand for industrial chemicals was fairly good during the week just closed. Manufacturing consumers were withdrawing slightly heavier shipments against contracts, reflecting the preparations being made in some of the heavy and light industries toward getting into Fall production. The market as a whole displayed a steady to firm tone. The change in the market was supplied by an upward revision in the price for tin oxide.

The rise in the price for tin oxide was due to the high levels the market for the basic metal reached recently, with the metal price turning barely steady last week, and indications were that the tin metal market would fluctuate widely until some understanding is arrived at regarding the restriction scheme. Copper continued firm. Indications were that the price in the domestic market would remain unchanged, for the increased production was expected to take care of the broad demand in the market recently. Alkalies were firm. Soda silicoffuoride was in broad demand. Chlorine was active. Cleaning fluid companies placed a good call for carbon tetrachloride. Some items reflected depressing seasonal influences, such as anhydrous ammonia. Some of the chemicals mirrored the betterment in the automobile industry, which was getting into production on 1937 models. The steel industry was working at a higher ratio. Insecticides were quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tin oxide, 2c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—The market for the sulphate, both commercial and iron-free, noted an active interest again last week, with the prices displaying a steady to firm price tendency. The call for the ammonia and potash items slipped off somewhat last week, due to seasonal influences, and prices were unaltered.

Ammonia, Anhydrous.—A slight slowing down was apparent in the call for this material during the week just ended, with the tapering off attributed to seasonal influences, and prices ruled unchanged.

Ammonia Aqua.—A highly irregular call was in evidence for this material again last week, with the shipments of moderate quantities making up the call and no change was disclosed in the price structure.

Ammonia Carbonate.—There was little to report in this market again last week, with the usual consumers ordering out in conservative fashion and prices ruled unchanged.

Ammonia Persulphate.—This market experienced another slow week, but the dull character of the call failed to have an influence on the market pricewise, with a steady tone in evidence.

Ammoniac Sal.—The buying of the white and gray materials continued fairly good throughout the week, with the call coming from the battery trade and other routine consumers and prices were without change.

Antimony.—Quiet prevailed in the market for the metal again last week, with sellers asking 11½c. to 12½c. per pound. It was clearly evident that consumers were covering only when needs reached an urgent point.

Antimony Oxide.—This market experienced a highly irregular call from the ceramic trade, with the prices holding steady. Buying of the needle product was spotty, but no change was uncovered in the quotations.

Arsenic.—There was a good call for the white material at times during the period under review, with the glass trade furnishing the major interest, and prices ruled unchanged. Nothing new was uncovered in the market for the red product and quotations were unchanged.

Barium Salts.—The market for the carbonate was a rather drab affair, with the quotations holding unchanged. There was little to report in the dealings in chloride, with such strictly routine, and prices were maintained. The market for the nitrate and hydrate ruled at previous levels.

Bleaching Powder.—Request for this material appeared slightly improved toward the close of the week, and the volume moved reached a tonnage sufficient to give the market a decidedly firm tone. July imports amounted to 163,894 pounds, valued at $2,267, of which Germany shipped 60,891 pounds; Italy, 85,003 pounds and the United Kingdom, 18,000 pounds.

Blue Vitriol.—Betterment in the buying was lacking, with the domestic demand reflecting the depressing seasonal influences, but a fair amount moved for export account, and prices were decidedly firm, for the metal price continued firm.

Calcium Acetate.—Demand here was fairly good, and the prices tone was firm, with no change in quotations.

Calcium Chloride.—The market noted a fair amount of early inquiries for forward shipments, with the result the market developed a slightly firmer tone.

Carbon Tetrachloride. — Shipments were moving for the account of the cleaning fluid companies, with sellers reporting the market in a steady to firm price position.

Chlorine.—A substantial demand was reported for this material, with the shipments equivalent to the actual production, with the result the market displayed a decidedly firm tone.

Copper.—The market for the electrolytic copper noted an easing in the tension regarding the possibility of higher prices, due to the sharp advance in the price abroad. Opposition to a higher price for copper in the domestic market at this time continues in one major direction, which holds that sufficient copper was sold in July and subsequently for delivery through November, to take care of so-called normal needs. At the same time, it is understood, assurance is being given regular customers that when their needs call for more copper they will be taken care of at the current level of 9¾c. a pound delivered Connecticut Valley base. The 25 percent increase in domestic output initiated by Kennecott copper on Sept. 1, will become available to the local users of copper around the beginning of December. In the meantime, custom smelters continue to feel the effects of the shortage of scrap copper. Another important factor affecting the nearby copper available locally is the buoyancy of the foreign copper market with price at a level where it is more profitable to export copper from this country than to sell in the home market. This condition probably affects some of the smaller producers and others who have no production outside the United States.

Copperas.—There was an active inquiry reported for this material last week, with the prices displaying a decidedly firm tone. The buying came from routine sources of consumption. Steel operations started the week at 72.5 percent of capacity, compared with 68.2 percent in the previous period, a gain of 4.3 percent, according to the American Iron and Steel Institute.

Feldspar.—A heavy demand continued to be experienced for this article throughout the week under survey, with the prices showing a firm tendency. Buying interest came largely from the ceramic trade.

Nickel Salt.—Shipments were moving out to the plating trade at a good clip

Current prices on heavy chemicals are given in the alphabetical list of prices, beginning on page 7

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throughout the week, with the prices holding firm. Some of the producers in the automobile industry were getting into production on the 1937 models, a fact which was expected to stimulate the demand for the finished articles of the plating industry.

Potash Carbonate.—There was a good inquiry from the textile trade in particular, with the prices holding unchanged. July imports amounted to 244,851 pounds, valued at $13,643, of which Germany shipped 242,623 pounds; Sweden, 220 pounds, and Hong Kong, 2,008 pounds.

Potash Caustic.—Chemical processors and the soap trade furnished a favorable inquiry here, with a steady to firm tone noted. July imports amounted to 425,753 pounds, valued at $25,737, of which Germany shipped 401,766 pounds and Sweden, 23,987 pounds.

Potash Chlorate.—Match makers and other usual sources noted a fair demand during the week, with the prices holding unchanged. July imports amounted to 1,462,507 pounds, valued at $83,667, of which France consumed 12,320 pounds; Germany, 909,486 pounds; Sweden, 44,798 pounds; Switzerland, 431,898 pounds and Japan, 64,005 pounds.

Saltcake.—This market continued to experience a fair demand from the paper, glass and textile industries, with no change disclosed in the quotations. July imports amounted to 9,883 tons, valued at $101,147, of which Belgium shipped 750 tons; Germany, 8,612 tons; Canada, 460 tons and Chile, 61 tons.

Soda Ash.—Conditions here were much the same as the preceding period, with the shipments moving against contracts at a good pace, and prices were steady to firm. July exports amounted to 8,483,678, valued at $101,541, of which the Union of South Africa consumed 43,650 pounds; New Zealand, 213,237 pounds; Australia, 74,010 pounds; Philippine Islands, 31,804 pounds; Iran, 59,640 pounds; Netherland India, 64,945 pounds; China, 11,980 pounds; British Malaya, 5,300 pounds; British India, 10,556 pounds; Venezuela, 253,175 pounds; Uruguay, 332,536 pounds; Peru, 32,600 pounds; Ecuador, 8,300 pounds; Colombia, 54,655 pounds; Brazil, 79,365 pounds; Argentina, 640,650 pounds; Dominican Republic, 25,500 pounds; Cuba, 423,581 pounds; Newfoundland and Labrador, 1,680 pounds; Mexica, 4,196,808 pounds; Canada, 529,070 pounds Netherlands, 1,232,530 pounds.

Soda Bicarbonate.—This market noted a fairly active call throughout the week just closed, with the prices displaying a steady to firm tone, July exports amounted to 1,991,511 pounds, valued at $30,252, of which French Oceania consumed 1,272 pounds; Union of South Africa, 43,750 pounds; China, 22,400 pounds; Venezuela, 20,528 pounds; Colombia, 65,936 pounds; Brazil, 1,430 pounds; Bolivia, 1,540 pounds; Argentina, 1,210 pounds; Netherland West Indies, 418,500 pounds; Cuba, 111,780 pounds; Jamaica, 2,000 pounds; Newfoundland and Labrador, 2,200 pounds; Mexico, 452,482 pounds, and Canada, 839,385 pounds.

Soda Caustic.—There was a fairly good call noted for this material, with the usual consumers supplying the interest, and prices ruled unchange. July exports amounted to 10,576,923 pounds, valued at $216,492, of which Cuba consumed 683,632 pounds; Dominican Republic, 104,500 pounds; Argentina, 560,000 pounds; Brazil, 273,000 pounds; Chile, 307,300 pounds; Colombia, 99,516 pounds; Peru, 134,858 pounds; Venezuela, 106,300 pounds; China, 1,553,408 pounds; Netherland India, 484,795 pounds; Japan, 525,000 pounds; Philippine Islands, 880,775 pounds; Siam, 19,830 pounds; Australia, 10,750 pounds; New Zealand, 12,825 pounds; Mexico, 3,561,436 pounds; Canada, 696,602 pounds, and Netherland, 80,000 pounds.

Soda Chlorate.—Demand slowed down considerably in this direction, with the

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prices holding firm. July imports amounted to 130,044 pounds, valued at $7,425, of which Germany shipped 100,000 pounds; Sweden, 50,000 pounds and Switzerland, 44 pounds.

Soda Cyanide.—Withdrawals here were fairly good during the week, with the platers ordering out supplies in volume sufficient to cover nearby requirements, and prices were unchanged. July imports amounted to 1,989,812 pounds, valued at $202,020, of which Germany shipped 489,608 pounds; Netherlands, 80,000 pounds; Switzerland, 169,200 pounds; Canada, 1,150,184 pounds, and Japan, 100,820 pounds. Exports totaled 73,059 pounds, valued at $11,618, of which New Zealand consumed 1,300 pounds; Bolivia, 11,200 pounds; Mexico, 46,880 pounds, and Canada, 3,000 pounds.

Soda Hydrosulphite.—Although the market noted a fairly good inquiry from the textile trade, with the market subjected to keen competition, but no change was disclosed in the quotations. July imports amounted to 60,154 pounds, valued at $6,980, of which Belgium shipped 2,205 pounds; Czechoslovakia, 39,681 pounds; Germany, 9,668 pounds; Switzerland, 6,360 pounds, and the United Kingdom, 2,240 pounds.

Soda Phosphate.—Business in this direction continued irregular during the week just ended, with the prices steady for both the di-basic and the tri-basic items. July exports of the various sorts of this material amounted to 543,383 pounds, valued at $13,121, of which the Union of South Africa received 8,300 pounds; New Zealand, 3,900 pounds; Philippine Islands, 1,000 pounds; Palestine, 2,240 pounds; British India, 39,900 pounds; Peru, 1,950 pounds; Colombia, 4,100 pounds; Cuba, 500 pounds; Australia, 250 pounds.

Soda Silicate.—There was a good inquiry for this material during the course of the week under review, with the prices holding unchanged. July exports amounted to 1,102,557 pounds, valued at $16,482, of which the Philippine Islands consumed 80,100 pounds; China, 7,200 pounds; Venezuela, 7,806 pounds; Peru, 3,726 pounds; Ecuador, 19,200 pounds; Chile, 3,946 pounds; Brazil, 1,474 pounds; Argentina, 44,000 pounds; Netherland West Indies, 1,295 pounds; Dominican Republic, 17,529 pounds; Cuba, 100,000 pounds; Mexico, 15,823 pounds; Panama, 15,556 pounds; Honduras, 28,150 pounds; Canada, 736,296 pounds, and United Kingdom, 4,253 pounds.

Soda Silicofluoride.—A firm tone continued in prominence for this material again last week, with the prices holding unchanged. July imports amounted to 867,450 pounds, valued at $30,138, of which Denmark shipped 262,349 pounds; Germany, 131,232 pounds; Italy, 163,030 pounds; Netherlands 67,451 pounds, and Japan, 243,388 pounds.

Soda Sulphate, Anhydrous.—Business here continued at a fair pace, with a steady to firm price tone. July imports consisted of 1,017 tons, valued at $22,197, with the material coming from Germany.

Soda Sulphide.—There was a fairly active buying movement noted for this material at times during the week, with no change disclosed in the quotations. July imports consisted of 477,342 pounds, valued at $13,371, of which Belgium shipped 10,303 pounds; Germany, 455,041 pounds, and the United Kingdom, 11,498 pounds.

Strontium Nitrate.—The market noted a fairly good demand, and prices were in line with previous values. July imports amounted to 44,408 pounds, valued at $1,721, with the material arriving from Germany.

Tin Salts.—There was a barely steady tone noted in the market for the basic metal, resulting in a similar tone developing in the salts. Tin oxide was advanced 2c. per pound to 49c. to 51c. per pound. The market for the metal was expected to be uncertain in trend until such time as the negotiations for the tin restriction scheme have been settled. Tin interests in Netherlands India are taking steps to further improve their competitive status in anticipation of the possibility that the present restriction scheme will not be renewed on its expiration, according to a report to the Commerce Department from the trade commissioner. Both the government owned and operated Banka mines and the joint government and private enterprise known as the Billiton Tin Company are planning to install new mechanical equipment which will further reduce production costs. It is authoritatively stated that the government intends to purchase a new dredger at a cost of 1,500,000 florins (approximately $1,000,000). This dredger which will be one of the largest in the world is expected to arrive in Netherlands India in March of next year. When it is in operation the local tin mines will be able to dispense with the services of from 3,000 to 3,500 Chinese laborers, the report states. The Billiton Tin Company has also recently placed an order in the Netherlands for a large dredger. The operation of this new equipment, the report states, will obviously aid the tin interests of Netherlands India to make a further reduction in their production costs which at the present time are reported to be among the lowest in the world. Reports from Gastonia, N. C., told of the finding of a rich body of ore in that locality, and plans were being made for milling, which would begin as soon as sufficient ore is above ground.

Acids

The market for the various acids moved at a fair pace during the week just closed, with the sellers reporting the prices displayed a steady to firm tone. Sulphuric acid noted a steady to firm tone. Reports from the steel industry were that production schedules were higher, and betterment also occurred in the automobile trade. Oxalic acid was firm. The call for chromic acid reflected the improvement in the plating industry, and prices ruled unchanged. The call for battery acid was routine, but the price tone was firm. There was little to report in the market for acetic acid, with a steady to firm tone in evidence.

Acetic.—Demand was fair during the week, with the prices displaying a firm tone.

Battery.—Demand was fair during the week, with a firm tone governing the dealings.

Boric.—This market noted a fairly active call, and quotations were steady to firm.

Chromic.—There was little to report here, with the exception that demand was a pace better, for the plating trade was noting a good call from the automobile industry for finished products.

Formic.—Textile trade and other routine consumers continued to order out supplies in fair volume, and prices were well maintained.

Lactic.—This product noted an irregular demand again last week, but the price tone appeared slightly steadier.

Muriatic.—This situation underwent little change during the course of the week just closed, with the industrial inquiry reflecting the mixed character of production schedule, and prices were firm.

Nitric. — Demand was good here again last week, with shipments moving forward to routine consumers at a consistent in moderate volume, and prices were unaltered.

Oxalic.—Demand here showed little improvement, but the market retained a steady to firm tone.

Sulphuric.—Shipments were moving forward at an irregular pace during the week, reflecting the betterment in some units of production and a slowing down in other directions, but the volume was improved over the preceding period. Steel mill operations were higher, and the automobile industry was working on a broader schedule, with favorable reports heard from some sections in the textile and tanning industries.

BALTIMORE, Sept. 16.—With the news as to the possibility of new receipts of pyrites from Huelva before long to influence the course of trading in this commodity and one of its products, sulphuric acid, the possibility of a price advance in acid at some time not far in the future seems to be wellnigh eliminated, and potential buyers will in all probability hold out against any increase in the quotations when the time arrives for them to make new contracts, which is usually around the latter part of November. Meanwhile the situation as to acid remains quiet, with no modificatoins of consequence to be noted, and with the movement of acid proceeding about as usual. The nominal quotations of the producers stand at $12 per ton for 60 degree and at $15 per ton for 66-degree acid. This also applies to oleum, which material is unchanged at $17 per ton. According to a report, the shipments of ore from Spain to the corporation, interrupted by the civil war, will be resumed soon, the Leftist government of the South having lifted the blockade against shipments from Southern ports. The mines at Huelva are stated to be in full operation under the direction of rebel forces.

Insecticides

The market for the agricultural insecticides and fungicides moved through a quiet week, with the prices displaying a steady to firm tone. The dull demand could be attributed to the termina-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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tion of the active season. Word from Nicaragua told of the boll weevil damage to the cotton crop, and that American equipment was to be purchased to combat the pest. The government weather and crop report stated that the weather continued dry in the northwestern cotton belt but showers were fairly general in other districts. Temperatures were abnormally high, especially in northern districts.

Calcium Arsenate.—Demand here was slow during the week, but the price tone remained firm.

Lead Arsenate.—There was little to report here, with the demand side of the market drab, but quotations held firm.

Nicotine Sulphate.—This market was much the same as the preceding period, with the call spotty, but a steady tone governed the dealings.

Printing ink imports into India in the fiscal year 1935-36 had a total value of 881,600 rupees. The imported inks were chiefly high-quality sorts. The United Kingdom supplied 659,717 rupees' worth; Germany, 147,413 rupees' worth. The United States has a small but growing share in this trade.

Trade News Briefs

Unigloss Paint Corporation, this city, has filed a certificate at Albany dissolving its corporate existence.

Vick Chemical Company has opened its new cough drop plant in Greensboro, N. C., according to advices from that city.

Liquid Carbonic Corporation, Chicago, according to word received from that city, is to start work soon on a new building, to cost approximately $220,000, for the assembling of bottling machinery and for foundry purposes.

M. J. Rathbone, Jr., vice-president and general manager of Standard Oil Company of Louisiana, Baton Rouge, becomes president of the company October 1, succeeding John C. Hilton, who will return to the Standard Oil Company of New Jersey.

Superphosphate production expansion is planned by the Kempthorne, Prosser & Co.'s New Zealand Drug Company, Westfield, New Zealand. A sulphuric acid plant is to be built, and an annual output of about 80,000 long tons of superphosphate is contemplated.

Coca-Cola Company is reported to be planning to build a plant on the Lincoln Highway in Kearny, N. J., at a cost of $1,000,000.

San Benito Quicksilver Mines, Inc., Coalinga, Cal., is installing equipment with a view of getting out a large deposit of cinnaban.

American Gum Importers Association will hold its quarterly meeting, September 22, at the Lido Country Club, Long Beach, N. Y.

Memphis has put its City Beautiful Commission on a year-round basis, with a paid secretary, and with city beautification activities along National Clean Up and Paint Up Campaign Bureau lines scheduled for every month of the year.

Paint and Oil Club of New England will hold its annual meeting September 24 at the Kernwood Country Club, Salem, Mass. The club expects to have as a guest Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association. The meeting will follow dinner, scheduled for 7:00 p. m. which in turn will be preceded by golfing.

Golden Gate Paint, Varnish and Lacquer Association will hold its annual banquet and election for offices, September 25 in San Francisco.

Nu-Enamel Corporation, Chicago, has filed a registration statement with the Securities and Exchange Commission covering an issue of $300,000 shares of $1 par common stock.

Soda chlorate and other electrochemicals are being made by the Societe Generale Industrielle et Chimique du Katanga in a recently constructed plant at Jadotville, Belgium.

Fertilizer producers in district 2 will meet September 29 in the Bellevue-Stratford hotel, Philadelphia. This meeting, originally set for September 22, has been postponed so as to avoid interference with the conference on pasture fertilization September 24 in this city.

Phosphate rock deposits in the Algerian department of Constantine has been given on a concession to the Societe du Djebel Onk, a new 10,000,000-franc concern owned jointly by the Societe des Phosphates de Constantine, the Compagnie des Phosphates de Gafsa, and the Union Francaise de Fabriques d'Engrais.

Prof. L. Ruzicka, of the University of Zurich, on his way to make an address at the Harvard University Tercentenary Conference of Arts and Sciences, visited the Staff of Firmenich & Co., this city, branch of Chuit, Naef & Cie., aromatic chemicals, Geneva, Switzerland. A dinner in honor of Prof. Ruzicka and Mme. Ruzicka was given by the representatives of Chuit, Naef & Cie.

Cook Paint & Varnish Company has filed a registration statement with the Securities and Exchange Commission covering 60,000 shares of common stock. Lehman Brothers, chief underwriter, and three other firms will offer 50,000 shares of the stock publicly at $14 a share and 10,000 shares, which it has been given option on at $14 a share, to be sold at not less than $15 a share.

Philadelphia Clay Company, with offices at Carlisle, Pa., and mines at Toland, Pa., has purchased the stock and equipment of the Dillsburg Clay Company, which operated for many years at Dillsburg, Pa. The purchase includes all track and cars, a large volume of clay, motors and other equipment. The Philadelphia company will not operate the Dillsburg plant but will utilize the equipment at Toland.

George L. Ringel, vice-president, in charge of eastern and Canadian sales for Fritzsche Brothers, Inc., essential oil and aromatic chemical merchant, this city, has left the home office after a brief visit, to join Ben F. Zimmer, vice president in charge of western sales, at the annual convention of the National Wholesale Druggists Association at White Sulphur Springs, September 28 to October 1. Following the convention, both men will return to New York to confer with F. H. Leonhardt, president of the company, on his return from Europe in October. According to Fritzsche Brothers, sales during the summer months have established a new high record for the corporation.

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Pharmaceutical

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Dye

Starting point (Brit. 440208) in making—
Acid wool dyes by condensation with organic bases having at least one hydrogen atom attached to the nitrogen atom

---

Anilin Thiocyanate

Lubricant

Starting point (Brit. 440175) in making—
Addition agents for high-pressure lubricating oils or greases by mixing and reacting with organometallic compounds

---

Cadmium Dinaphthylnaphthenate

Lubricant

Addition agent (Brit. 433257) in—
Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

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Carnauba Wax

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for August 22, 1932, page 23)*

Agriculture

Ingredient (U.S. 1846143) of—
Coating agent, in admixture with paraffin, for green-rind citrous fruits in artificial coloring process using ethylene gas

Chemical

Purifying agent (Brit. 398136) in making—
Aromatic alcohols, such as phenylethyl alcohols and their homologs, by the action of alkylene oxides on aromatic hydrocarbons

Electrical

Sealing agent (Brit. 402967) in—
Electrolytic cells, such as condensers, to prevent escape of liquid from exhaust ports provided for the escape of gases under pressure

Lubricant

Starting point (U.S. 1920202) in making—
Lubricating greases

Metallurgical

Ingredient (U.S. 1948194) of—
Soap solution used as a lubricants in metal-drawing and metal-stamping

Miscellaneous

Ingredient of—
Composition for polishing and cleaning paintwork, wood, or rubber, consisting of emulsion of wax, petroleum spirit, turpentine, water, kieselguhr, perfume, and dye (Brit. 407028)

Metal polish, containing also a wetting agent, a detergent, an organic solvent, abrasives, and soaps (Brit. 376711)

Sealing compound, in admixture with sulphur, for paper-capped bottles (U.S. 1933466)

Shoe or floor polish consisting of a solution in turpentine, or other solvent, of the product obtained by reacting the warm liquefied or dissolved wax with hydrogen in the presence of a hydrogenating catalyst so as to reduce the saponification value at most by 15 percent; improvement in color, iodine value, melting point, content of unsaponifiable matter, solubility is claimed (Brit. 388864)

Paint and Varnish

Absorbent in—
Paint and varnish removers

Ingredient of—
Antifouling paints

Paper

Ingredient of—
Coating composition, used in making a washable and greaseproof wallpaper, containing also a cellulose derivative, such as cellulose acetate, nitrocellulose, ethylcellulose, or benzyl cellulose, and solvents, plasticizers, and natural or synthetic resins (Brit. 394974)

Moistureproof, transparent lacquer, for coating wrapping paper, containing also a plasticizer, nitrocellulose or other cellulose derivative, and suitable solvents, but no castor oil, gum, or resin (Brit. 412687)

Sizing emulsions (Brit. 395155 and 404386)

Waterproofing composition containing also chlorinated rubber and a plasticizer (French 740013)

Starting point (Brit. 395155) in making—
Emulsified sizing agents, insensitive to hard water, by reacting with a monocarboxylic acid ester of a polyglycerin, such as polyglycerin coconut oil oleic acid ester

Plastics

Ingredient (Brit. 416412) of—
Moulded products made from a solution of a cellulose derivative and a polyvinyl resin together with cork, leather dust, or wood pulp, a plasticizer, and other synthetic resins

Soap

Ingredient (Brit. 407039) of—
Antiseptic washing and cleansing agents, prepared by incorporating water-soluble mercury silver, or gold salts, which dissociate into metal ions, with aliphatic compounds having strong wetting and washing power, containing at least 8 carbon atoms, having an acid sulphuric or phosphoric ester group or sulphonic acid group in an end position and forming water-soluble salts with said metals

Textile

Ingredient of—
Impregnating or coating agents for fabrics, made from a solution of a cellulose derivative and a polyvinyl resin, a plasticizer, and other synthetic resins (Brit. 416412)

Waterproofing composition for fabrics, consisting of emulsion with a dispersion agent, an organic amine, pine oil, oleic acid, a synthetic wax, aluminum acetate, and sodium silicate (Brit. 401282)

6-Chlor-9-deltadiethylaminoalphamethylbutylamino-2-ethylthiolacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

4-Chlorophthalic Acid

Ceramics

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 390541) for—
Organic derivatives of cellulose

Cosmetic

Plasticizer (Brit. 390541) in—
Nail enamels and lacquers containing an organic derivative of cellulose as a base material

Electrical

Plasticizer (Brit. 390541) in—
Insulating compositions, containing organic derivatives of cellulose, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (Brit. 390541) in—
Adhesive compositions containing organic derivatives of cellulose

Leather

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used for protecting and decorating various products

Paint and Varnish

Plasticizer (Brit. 390541) in—
Paints, varnishes, lacquers, enamels, and dopes containing organic derivatives of cellulose

Paper

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper and pulp

Photographic

Plasticizer (Brit. 390541) in making—
Film from organic derivatives of cellulose

Plastics

Plasticizer (Brit. 390541) in making—
Laminated fiber products
Molded products
Plastics from organic derivatives of cellulose

Resins

Plasticizer (Brit. 390541) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used as coatings for decorating and protecting rubber products

Stone

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used in the manufacture of coated fabrics

Woodworking

Plasticizer (Brit. 390541) in—
Compositions, containing organic derivatives of cellulose, used as protective and decorative coatings on woodwork
Plastic compositions, containing organic derivatives of cellulose, used for many filling and repairing purposes on wood

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Copper Chlorate

(Chlorate de Cuivre, Chlorate Cuivrique, Chlorsaureskupfer, Clorato de Cobre, Clorato di Rama, Cupric Chlorate, Kupferchlorat)

Textile

Mordant in—
Dyeing processes
Printing processes

Diphenyldisazo-orthoethoxyaminophenolorthoaminobenzoic Acid Sodium Salt

Pharmaceutical

Ingredient (U.S. 2010512) of—
Antiseptic, consisting of admixture in equal parts with orthohydroxyquinolin sulphate

---

Metacresylmethyl Ether

Chemical

Raw material in making—
Artificial musk

Monobrom-1:2-chrysenequinone

Dye

Intermediate (Brit. 488609) in making—
Synthetic dyes

Potassium Chloroplatinite

(Chloroplatinite de Potasse, Chloroplatinite Potassique, Chloroplatinite de Potassium, Chloroplatinito di Potassio, Cloruro de Platina y de Potassio, Kaliumplatinchlorur, Platinkaliumchlorur, Platinum-Potassium Bichloride)

As a toning agent in printing processes

Strontium Chlorate

(Chlorate de Strontium, Chlorsauresstrontium, Clorato de Estrontiana, Clorato de Stronzio, Strontiumchlorat)

Explosives and Matches

Ingredient of—
Red fire and such-like pyrotechnics

Zinc Dinaphthylnaphthenate

Lubricant

Addition agent (Brit. 433257) in—
Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

---

Zinc Chlorate

(Chlorate de Zinc, Chlorsaureszink, Clorato de Zinc, Clorato di Zinco, Zinkchlorat)

Chemical

As an oxidizing agent

BARRETT CHEMICALS

Barrett
CHEMICALS

TAR ACIDS

Barrett Tar Acids are produced to meet highest standards of quality, uniformity and dependability. Barrett's unmatched service is available to every customer. Phone, wire or write for quotations.

PHENOL

(Natural) U. S. P. 39.5°C. and 40°C. Minimum Melting Points are pure white crystalline products generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.

39° C. M. M. Pt. Technical approximates the U. S. P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopoeia specifications.

82-84 per cent and 90-92 per cent Technical — grades which contain limited amounts of Ortho, Meta and Para Cresols.

CRESOLS

U. S. P. Barrett Cresol U. S. P. not only meets U. S. Pharmacopoeia specifications but contains less than 9 per cent Phenol.

Meta Para Cresol. Standard grades having boiling ranges of 3°C. and 5°C. with Meta Cresol content 54.5 per cent and 52 per cent minimum respectively.

ORTHO CRESOL

Minimum Melting Point 30.4°C. Also special Cresol Fractions to meet users' specifications.

CRESYLIC ACID

99 per cent, straw color, and 95 per cent, dark, grades of various distillation ranges, depending on requirements.

XYLENOLS

Boiling range 210-225°C. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).

TAR ACID OILS

Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

Coaltar Chemicals

Benzol in Better Demand—Toluol, Xylol and Solvent Naphtha Spot Stocks Unavailable—Cresylic Acid in Short Supply —Creosote Oil Steady—Phenol Active

Business in the market for the coaltar chemicals was active during the week just closed, with the activity in some instances reaching such proportions that a scarcity developed in spot goods. Particularly was this true of toluol, solvent naphtha and xylol. The short supply of cresylic acid continued unrelieved.

Broadening of activities in the automobile industry as a result of the producing of 1937 models, the initial showing of which takes place in November, was a factor prominent in bringing about a broader demand for toluol; in fact, selling quarters reported that there were no spot goods available on toluol, xylol and solvent naphtha, due to the heavy demand against contracts. Crude naphthalene was slow. And dullness in crude naphthalene was due to the off-season influence. Business in benzol was slightly better, for the rubber tire industry was operating at a higher level. Creosote oil and tar acid oil continued steady. Phthalic anhydride was active. Dinitrobenzene was steady. There was little to report in the colors, but the volume moved was of proportions sufficient to give the market a steady to firm tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	126.3	126.5	122.8

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand here was slightly improved during the week just closed, with sellers reporting the quotations unchanged. A steadying influence on the market was the improved position of the motor benzol market, with reports indicating that inventories have been worked off to a great extent. Demand was somewhat better from the rubber tire industry, for the automobile manufacturers were getting into production on the 1937 models. Steel mill operations were higher at 72.5 percent of capacity, against 68.2 percent in the previous week, according to the American Iron and Steel Institute. A month ago operations were at 72.2 percent of capacity and a year ago at 48.3 percent. Shipments of pneumatic casings during July were estimated at 5,743,863 units, a decrease of less than one percent under June, but 5.4 percent above the shipments made in July, 1935, according to statistics released by the Rubber Manufacturers Association. Production of pneumatic casings for July were estimated at 5,464,927 casings, a decrease of 2.6 percent under June but 54.7 percent above July, 1935. Pneumatic casings in the hands of manufacturers, July 31, 1936, were estimated at 7,746,388 units, a decrease of 1.1 percent under the stocks on hand June 30, and 12.5 percent below stocks on hand July 31, 1935.

Creosote Oil.—This market noted a fairly active demand at times during the week, but it was evident consumers were covering for immediate production wants only, and quotations ruled unchanged.

Cresylic Acid.—A shortage was still in existence in this market, with the broad buying movement coming from the synthetic resin industry and other routine consumers. There was little indication that the market would have anything but a decidedly strong tone throughout the balance of the current year.

Naphthalene.—The market for the crude material was quiet during the week just closed, with the quiet reflecting the off-season, and prices were about the same as the preceding period. The call for the refined article was irregular, and prices were firm.

Phenol.—Shipments were moving out in good volume to the various channels of consumption during the week just closed, with the prices displaying a firm tone. The call came from the synthetic resin industry, petroleum trade, pharmaceutical manufacturers and the dyestuff intermediate manufacturers.

Solvent Naphtha.—This material was in short supply again last week, with sellers reporting the prices were decidedly firm for the industrial water white commodity. The market for the high flash item was good, and prices ruled steady to firm.

Tar Acid Oils.—This market continued to enjoy a good demand during the week just closed, with the prices displaying a firm tone.

Toluol.—There are no stocks available in the spot market, with the contract shipments of a volume sufficient to absorb the volume in the hands of sellers. Betterment in the inquiry could be traced to the broadening in activities in the automobile industry, which trade was getting into production on the 1937 models, the public showing of which takes place in November.

Xylol.—A scarcity was noted in this market last week, with sellers reporting no spot stocks available, for the contract commitments were said to be equivalent to the actual production. Prices ruled at the levels in force previously.

CHICAGO, Sept. 17.—Benzol is reported to be ruling along fairly steady lines in the market at present, and other grades of coaltar bases are considered to be moderately steady and in fairly active call. Orders are coming in fairly well. Offerings are reported moderate. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Broenner's.—Business in this market was restricted to small quantities, but the prices were steady to firm.

Cleve's.—There was little to report in this direction, with small quantities making up the call, and prices ruled unchanged.

Gamma.—Demand here was highly irregular during the week, with the prices displaying a steady tone.

Picric.—A fair inquiry was noted here from routine consumers, with the prices displaying a firm tendency.

Salicylic.—A good inquiry was registered in this direction again last week, with the prices displaying a decidedly firm tone. Usual consumers supplied the buying.

Sulphanilic. — Dye manufacturers were ordering out supplies at a fair clip, and a firm tone was prominent.

Tobias.—This market offered little change from recent weeks, with the call spotty but the price tone was firm.

Other Intermediates

Alphanaphthol.—This market revealed little betterment during the course of the week under survey, with the shipments moving out in fair volume, and prices were unchanged.

Anilin Oil.—A substantial demand was shown for this product during the week just ended, with the market displaying a firm tone, and quotations were in conformity with the schedule in effect previously.

Benzidin Base.—Although the market was a rather drab affair throughout the period just ended, with small quantities making up the call, sellers reported quotations were unchanged.

Betanaphthol.—This situation offered little variation from recent weeks, with the contract shipments moving out at a good clip, and prices were decidedly firm.

Dinitrobenzene.—This market experienced a fairly active call at times during the week, with usual buyers furnishing the interest, but it was evident

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

that supplies were for immediate production requirements only.

Nitrobenzene.—A favorable inquiry was registered for this product during the week just ended, and quotations were regarded as steady to firm.

Orthocresol.—This situation offered little change, with the shipments moving forward in conservative quantities, but the prices were well maintained. Imports in July of meta, ortho and paracresol amounted to 6,560 pounds, valued at $1,980, with the material coming from the United Kingdom.

Orthotoluidin.—A firm tone continued as the prominent factor in this market again last week, and prices ruled unchanged. Demand was fair.

Phthalic Anhydride.—Further broadening was apparent on the demand side of this market, with the prices displaying a decidedly firm tone.

R Salt.—Despite the dull character of demand, sellers reported the quotations were unchanged.

Coaltar Colors

The market for the coaltar colors noted a slightly better demand during the week just closed, with the prices displaying a steady to firm tone. The lighter shades continued in prominence. Word from the cotton cloth industry was that the mill position continues exceptionally strong. Mill sales of goods during the week were the largest since early summer and well in excess of current output. Output of shoes in August were estimated at 38,000,000 pairs, the highest August on record, and indications were that the year would approach a production total of close to 390,000,000 pairs. Colors entering stains were reported fairly active, with the prices displaying a steady tone.

British Dyes Output Is at Record Levels

The British dyestuffs industry continues to make rapid progress, with both domestic and foreign demand during the first seven months of the current year running at levels never before attained, according to reports received by the Chemical Division of the Bureau of Foreign and Domestic Commerce from the consulate in London.

Those closely connected with the industry confidently believe that production during 1936 will exceed 60,000,000 pounds, which would be an all-time record. Such a figure, should it be attained, would be more than six-and-one-half times the pre-war output, and two-and-one-half times the amount manufactured in 1920, during which year the industry was placed on the protected list under the dyestuffs import regulation act.

During the first seven months of the current year British dye exports aggregated £917,765 in value. This compares with £861,075 and £747,546 in the corresponding period in 1935 and £747,546 in the 1934 period, according to British Board of Trade returns.

Improvement in the British dye industry is attributable in large measure to heavier demand from domestic textile trades. Reports from Lancashire, Yorkshire and Scotland indicate that conditions in the bleaching, dyeing, finishing, and calico-printing sections compare favorably with those existing at this time last year, and that prospects for the Autumn may be considered more satisfactory than they have been for some time.

Paradichlorobenzol Freights Up

The New York Public Service Commission has approved cancellation by the Delaware, Lackawanna & Western railroad, of the commodity rate of 23 cents per hundredweight on paradichlorobenzol, carload; Syracuse and Solvay to Niagara Falls and Suspension Bridge on the New York Central or West Shore railroads; advance to class rates; effective October 5.

Benzol Freight Rates Cut

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the Delaware, Lackawanna & Western railroad, on benzol, carload; Solvay and Syracuse to Cortland, 8 cents per hundredweight; reduction from class rates; effective October 5, expires December 31.

Consolidated Mining & Smelting Company of Canada is to build a new underground mill at the Big Missouri Mine, near Stewart, B. C. W. M. Archibald, vice-president in charge of mines, says the mill will have a capacity of 500 tons a day.

F.T.C. Not Answering Patman Act Questions

(Continued from page 3)

Court, Not Cop, Decides

One official drew this analogy:

If one policeman told you it was all right to park your car in a certain place and another policeman gave you a ticket, you would have no legal defense. It is the judge of the traffic court who interprets and applies the law after hearing all the evidence in the particular case. The commission operates like a court, and its employees cannot tell in advance how it will decide a given case after all the facts are known.

It was stated at the commission's offices that an individual not officially representing any branch of the drug trade recently called on several of the commissioners to sound them out on the idea of a general conference of the trade to discuss Patman law compliance with the commission's staff, but that he received no definite encouragement for such a move.

The general opinion at the commission at present is that such conferences cannot be of much assistance, either to the commission or to the trade, inasmuch as advance answers to hypothetical cases have little application to actual practices, because of complicating circumstances. The officials did not say that such a conference would not be granted under any conditions, but they expressed much doubt that any general trade group conference, such as that held by the food trade, would be permitted.

Oil Field Unit Work Told in P.A.B. Book

WASHINGTON, Sept. 14, 1936.

Experiences in the unit development of new oil fields under the now defunct petroleum code are reviewed in a booklet issued by the Petroleum Administrative Board of the Department of the Interior.

The report cites the regulations for new pool development issued under the code, lists the new pools to which they were applied, and gives the history of several typical pools to illustrate the economic value of orderly development and drilling. It concludes with arguments for unit pool development, and states:—

The petroleum industry has learned to understand its problems better in the past decade and to devise means for making some progress toward their solution. The petroleum code was a step toward cooperative solution of the common problems of the industry, with the aid of the Federal government. Legislation enacted in Oklahoma and New Mexico during, or immediately after, the code period has assisted in consolidating some of the advances made in recent years.

Langmeier Goes to Europe

Arthur Langmeier, director of sales of the naval stores department of the Hercules Powder Company, took passage on the Holland America steamer Veendam, sailing September 19, to visit the N. V. Hercules Powder Company, The Hague, Holland. Mr. Langmeier also will visit other distributors of Hercules naval stores products in England and continental Europe.

Pacific Vegetable Oil Corporation, San Francisco, has made several changes in its representatives in different parts of the country, as follows:—The Thompson Hayward Chemical Company will represent the corporation in Dallas and Kansas City, Mo.; George E. Moser & Son, Detroit, Mich.; Marshall Dill, Los Angeles, Cal.; and L. H. Butcher Company, Portland, Ore., and Seattle, Wash.

Walsh Contracts Act Rules Are Issued

(Continued from page 5)

custodial employees, but only to those actually engaged in filling the contract. Child labor is defined as that of a male person under sixteen years of ago or a female person under eighteen years of age. Compliance with safety and sanitary laws of the State is considered prima facie evidence that hazardous conditions do not exist.

The requirement that the contractor be a manufacturer or regular dealer is designed to prevent bid peddling, but the regulation is so worded that it may exclude brokers and dealers in goods who do not regularly carry them in stock, as a regular dealer is defined as a person who maintains an establishment in which the materials under contract are bought, kept in stock, and sold to the public in the usual course of business.

Another set of regulations dealing with the procedure for hearing complaints on violations of the act will be published in the near future.

Save Surface Salesmen of Chicago to Act on Name Change

The Save the Surface Salesmen's Club of Chicago will hold its first Fall meeting September 24 in the Medinah Club, that city. The members of the Paint and Varnish Salesmen's Club of Milwaukee have been invited to be the guests of the Chicago group. W. W. Schlieman, secretary, in urging full attendance, emphasizes that action is due at this meeting on the proposal to change the name of the club. Dinner will be served at 6:15 p.m. and A. H. Schroeder, chairman of the entertainment committee, has an unusual program to follow.

Mrs. Watt to Carry on Company

The A. G. Watt Company, paint, varnish and lacquer broker, Cleveland, O., whose organizer and president, Allister G. Watt, died September 1, will continue in business under the leadership of Mrs. Watt, in accordance with Mr. Watt's request. Clayton F. Braund, who returned to the company in March of this year, will continue to contact the trade.

N.Y. Production Club Discusses Paint Types

The New York Paint & Varnish Production Club held its first meeting of the new season September 17 at the Building Trades Employers' Association, this city. One of the features of the meeting was a lengthy discussion which followed a talk given by F. L. Brown, of Forest Products Laboratories, on a series of standards for paint types. After Mr. Brown offered his series of paints by types some of the manufacturers felt that it would offer difficulty to the paint manufacturer, especially those with nationally advertised brands. G. F. Brocker, of the Krebs Pigment & Color Corporation, Wilmington, gave a short talk on a six-year exposure study of titanium and zinc sulphide modified with leaded zinc and inert pigments.

In the business meeting that preceded the educational lectures, six new members were admitted to the club:—Reuben Chaliff, Purity Paint Products Company; Merritt T. Metz, Empire State Varnish Company; J. H. Houston, American Printing Ink Company; Robert Cowan, Flood & Conklin; George W. Munns, Industrial Chemical Company, and William G. Holley, of Berg Varnish Company.

O'Brien Varnish Company, South Bend, Ind., will sponsor a basketball team this year. The O'Brien softball team was one of the Midwest's crack outfits this year and is now barnstorming in Ohio.

KOPPERS
BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE
KOPPERS PRODUCTS COMPANY
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Offices and Plants in Important Cities

J&L
benzol service

Making benzol to your exact specifications, and providing a continuous supply of like character constitute J & L Benzol Service.

Extensive experience in the use of benzol has given Jones & Laughlin a broad understanding of the varying needs which the manufacture of widely differing products imposes. This experience, together with an expert technical staff and proper production facilities, has equipped J & L to supply benzol to satisfy individual requirements. We will welcome the opportunity of furnishing a sample made to your specifications. Look to Jones & Laughlin, also, for structural steel, pipe, boiler tubes, and all of the other steel products that you use.

J & L LIGHT OIL DISTILLATES

Pure Benzol *Motor Benzol*
Pure Toluol *Solvent Naphtha*
90% Benzol *Xylols*

J&L STEEL
JONES & LAUGHLIN STEEL CORPORATION
American Iron and Steel Works
PITTSBURGH, PENNSYLVANIA

I.C.C. Revises Rules On Dangerous Articles

Revised regulations, applying to freight, express, and highway transportation of dangerous articles have been issued by the Interstate Commerce Commission. The revisions affect a number of regulations issued from May 12, 1930, to March 12, 1936. The new rules will become effective December 7, 1936.

The salient features of the revised rules are as follows:—

Compressed gases.—Tankcars other than 106A permitted for liquefied hydrocarbon or petroleum gases if lading is pumped directly to adequate, permanent storage; they must have liquid and vapor eduction lines equipped with check valves.

Cyanides.—Exemption under paragraph 462(c) (March 12, 1936) provided for cyanides and cyanide mixtures in tightly closed glass or earthenware, or metal inside containers, securely cushioned and packed in outer containers of wood or fiberboard; net weight limited to 5 pounds, except that 25 pounds may be shipped in boxed or barreled metal containers (2F).

Empty carboys.—Highway regulations, paragraph T-16 (b) (November 6, 1934) amended to require empty carboys to be thoroughly drained.

Hydrofluoric acid.—Packing of anhydrous acid required to be in cylinders (4B), steel barrels or drums (5A), tankcars (104A, 105A, ARAIVA).

Inflammable liquids.—Exception from labeling when packed as follows:—

(a) When flashpoint is above 20° F.: In containers of over 16 ounces avoirdupois and not over 1-quart capacity each, properly packed in outside specification containers as prescribed herein.

(b) Paint, varnish, and other articles listed in paragraph 249: In glass or earthenware vessels not over 1-gallon capacity each, or metal cans not over 5-gallons capacity each, properly packed in outside specification containers as prescribed herein.

Matches.—No exemption for book matches when with other articles; limiting according to paragraph 300 (a) (May 12, 1930) exemptions for strike-on-box and book matches.

Methyl chloride.—List of permitted cylinders given.

Nitrates.—Exemptions authorized under paragraph 278 (g) (March 12, 1936) for nitrate of ammonia, barium, lead, potash, soda, and strontium, nitrocarbo nitrate, and other inorganic nitrates in metal cans in outside fiberboard or wooden boxes; in wooden boxes, kegs, barrels, metal cans, or drums; calcium nitrate in bags.

Nitric acid.—Straight-side carboys required; boxed carboys (1A, 1C) permitted when specific gravity does not exceed 1.43; cushioning to be of incombustible mineral material, elastic wood strips, or whole cork.

Soda hydrosulphite.—Packing permitted in plywood drums (22B) with inside metal drums.

Sulphur trioxide.—Classification as corrosive liquid in dangerous articles list; no exemption from regulations. Glass or earthenware containers of not over 1 gallon required—they must be boxed—metal drums (5A) up to 55 gallons permitted.

Sulphuric acid.—Soft-rubber gaskets authorized on boxed carboys for acid of not over 1.4 specific gravity.

October 6, at 10:00 a.m. in room 1804, 30 Vesey street, this city, the Bureau of Explosives will conduct a conference on the following matters:—

Use of 3-inch bung in one head of plywood drum for wood preservative.

Use of corrugated fiberboard box as container for pryoxylin sheets.

Increase of quantity of wet leadazide permitted in the outside package.

Exemption from regulations of the shipment of 1-quart test samples of gasoline in fiberboard boxes.

Recognition of exemption provided for picric acid.

Exemption of shipments of inorganic nitrates in special packages.

Additional containers for hydrosulphite of soda.

Packing and exemption of nonfreezing fire extinguisher charges.

Specification of packing requirements for perchloric acid.

Definite prohibition of the use of combustible packing material in the packing of bromine.

Use of 3E cylinders for the shipment of nitrous oxide by express.

Increase in permissible limit of cylinder contents of liquid carbon dioxide and nitrous oxide.

Specific requirements for shipment of nitrochlorobenzene.

Attaching of "Poisonous" placards to cars containing poisonous articles, class B, in bulk.

Use of flash and other welds in the manufacture of metal drums.

Use of "wired ends" boxes for the transportation of acids in bottles.

Use of stapled or stitched closure for corrugated fiberboard boxes.

Truck transportation of cylinders containing dichlorodifluoromethane.

Use of fiber drums for the transportation of wet nitrocellulose or nitrostarch.

Use of lead-lined metal drums for the transportation of benzyl chloride.

Butyric Acid Can Be Made from Blackstrap

After two years of research in the production of butyric acid by special fermentation of blackstrap molasses, R. Arroyo, of the Experiment Station of the University of Puerto Rico, reports the isolation of a native bacillus that is capable of obviating the difficulties experienced by previous investigators respecting the end products of the fermentation. Mr. Arroyo reports that he is able to obtain practically pure normal butyric acid in yields close to those theoretically possible.

The bacillus isolated by Mr. Arroyo is extremely vigorous, and has been proved capable of resisting the influence of other organisms which may get into the fermenting liquid. It is anaerobic, a characteristic that has great technical importance.

Actual yields of practically pure normal butyric acid have ranged from 43 percent to 45 percent on the basis of the total sugar content of the mash. This is equivalent to from 2.52 pounds to 2.70 pounds of acid from each gallon of molasses fermented. The cost of producing the acid, it is said, would not be more than 8 cents to 10 cents per pound.

Nitrogen Fixation Capacities Listed

World plant capacity for the fixation of atmospheric nitrogen increased from 2,805,990 metric tons of nitrogen in 1931 to 3,257,371 tons in 1935, according to a tabulation published by Chisso Kyogi Kai, Tokyo, Japan, and received by the Department of Commerce. In that period, the number of fixation plants increased from 134 to 159.

According to the Japanese tabulation, Japan rose from fourth place in volume of capacity in 1931 to second place in 1935, and increased the number of its plants from nineteen to twenty-five.

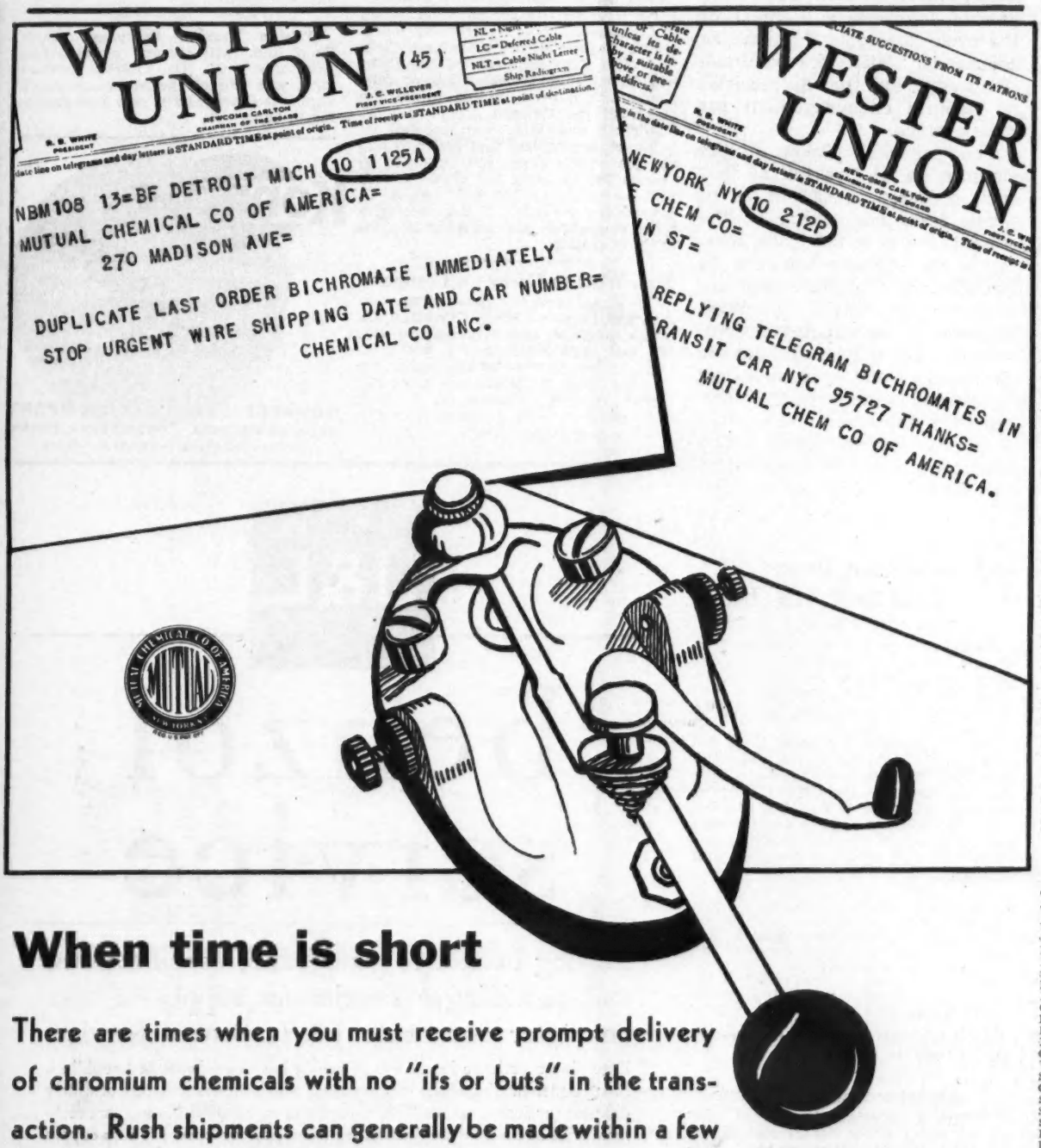
Actual and proportionate capacities of the various countries in 1935 and estimates of their outputs in the 1934-35 year are given in the Japanese tabulation as follows:—

	Plants.	1935. Capacity. Metric tons N.	P.C.	1934-35. Production. Metric tons N.	P.C.
Germany	16	1,144,700	35.1	467,700	33.3
Japan	25	361,200	11.1	236,250	16.8
France	28	256,000	8.0	125,050	8.9
United States	10	244,340	7.5	122,800	8.8
Belgium	10	204,360	6.3	51,700	3.7
England	2	145,541	4.5	36,400	2.6
Italy	17	137,500	4.2	82,300	5.9
Norway	5	121,000	3.7	83,000	5.9
Russia	5	107,100	3.3	?	...
Netherlands	4	106,200	3.3	74,525	5.3
Canada	3	102,200	3.1	43,500	3.1
Poland	5	84,190	2.6	24,292	1.7
Egypt	1	54,250	1.7	....	...
Manchukuo	1	40,000	1.2	6,400	0.5
Czechoslovakia	4	37,800	1.2	13,300	1.0
Yugoslavia	3	23,900	0.7	15,120	1.1
South Africa	1	20,000	0.6	?	...
China	3	16,900	0.5	....	...
Switzerland	4	13,200	0.4	7,600	0.5
Sweden	3	11,250	0.3	5,200	0.4
Spain	3	8,000	0.2	3,700	0.3
Rumania	2	8,000	0.2	1,990	0.1
Hungary	1	5,740	0.2	1,810	0.1
Brazil	1	3,500	0.1	....	...
British India	1	350	...	?	...
Bulgaria	1	60	...	?	...
Totals	159	3,257,371	....	1,402,637	....

Chemical Industry in Maine

Twenty-six plants were engaged in the manufacture of chemicals and related products in Maine in 1935, according to data collected by the Bureau of the Census in the latest census of manufacturers. In 1933, the year of the preceding census, Maine had twenty-five plants in this category. Other data for the two years show the following comparisons:—

	1935.	1933.
Value of products	$2,722,979	$2,296,781
Average number of wage-earners	183	182
Total wages	$148,640	$134,370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Dyestuffs and Textile And Leather Chemicals

Tanning Materials in Better Demand—Myrobalans Steady—Corn Derivatives Firm—Bichromate Prices Renewed for 4th Quarter —Zinc Dust Unchanged—Annatto and Cochineal Quiet

Business in the market for the dyestuffs and tanstuffs was fairly active toward the close of the week. Commitments reaching the market indicated that some of the textile and tanning units were worked on favorable production schedules, while other consumers were laying final plans for the stepping up operations to Fall proportions. Prices generally displayed a steady to firm tone. The market was without a specific price feature.

The tanning materials were fairly active, but the dealings were strictly routine. Wattle bark was quiet, but there was a favorable inquiry at times for myrobalans and mangrove bark.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.4	**152.4**	**152.6**	**151.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Interest last week was centered on the style show of the shoe manufacturers held here. Production as well as retail sales trends in the shoe industry have been exceptionally favorable. Output in August was estimated at 38,000,000 pairs, establishing a new record for monthly production. For the eight months from January through August shoe production was greater by several million pairs than in 1935, although in that year all previous production records had been broken. Probably the most striking fact in connection with the gains in shoe output is the absence of inventory accumulation. Corn derivatives continued quiet but firm. Bichromate prices have been extended to the fourth quarter, with a fair amount of business noted. Alumina chloride was steady. Sulphonated oils were subjected to keen competition, and prices were steady for zinc dust, for the basic metal held unchanged.

Chemicals

Alumina Chloride.—Business here revealed some improvement during the course of the week just ended, with the orders coming into the market in a more consistent fashion, and prices were without change.

Antimony Salt.—Conditions here were much the same as the preceding period, with the demand side of the market following a highly irregular trend, but the prices displayed a steady to firm tone.

Potash Bichromate.—A fairly active buying movement was evident in this direction again last week, with the quotations displaying a firm tone.

Potash Prussiate.—The market for the red material continued to experience an irregular demand throughout the period just ended, with the prices displaying a firm tone. The call for the yellow article was fair, and a steady to firm tone was in evidence.

Soda Bichromate.—Shipments were moving out to the routine consumers in good volume during the week, with the prices holding firm. Prices were reported unchanged for the fourth quarter.

Sulphonated Oils.—There was a highly irregular demand noted in this direction during the period just ended, with the prices about the same as the previous period, and competition continued keen.

Zinc Dust.—Although the market noted an irregular call again last week, sellers reported the prices were unchanged, for the basic metal continued steady.

Dyestuffs

Annatto. — Buying of the paste and seed materials lacked betterment during the week, with the demand made up of small quantities, and prices ruled unchanged.

Archil.—Some improvement was apparent on the demand side of the market during the course of the period under survey, with the market retaining a decidedly firm tone, for the firmness could be traced to the statistical position of the market.

Cochineal. — Carmine industry and other routine consumers were purchasing in a conservative fashion during the course of the week just ended, with the prices holding unchanged for the Teneriffe silver and grey item.

Fustic.—A firm tone was prominent in this direction, with the various sorts moving to the textile trade at a fairly good clip, and no change was disclosed in the quotations.

Indigo.—A slow demand was shown for the natural material again last week, but the limited amount of material on hand gave the market a firm tone, and sellers were asking previous values. The call for the synthetic material was fairly good, with certain units of consumption operating at favorable levels for this period of the year, and a firm tone governed the dealings.

Logwood.—This situation offered little change from recent weeks, with the prices displaying a steady tone. It was evident that some sections of the consuming quarters were operating at relatively high levels.

Sizing Materials

Albumen. — Business in the market for the edible material was fairly good, with the cooler weather stimulating demand from the confectionary trade, and prices were steady to firm. The call for the blood material was fair, and quotations held unchanged.

Dextrin. — There was a firm tone shown for the corn derivatives during the week just closed, and consumers were ordering out on a broader scale.

Egg Yolk. — A better buying movement was noted for this material during the course of the week under survey, with the shipments moving in larger volume, due to the seasonal influences, and prices appeared steadier.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. Prices were nominal. On Friday, September 18, whole mixed futures were 17.60c. to 18.60c.; October, 17.65c. to 18.75c.; November, 17.75c. to 18.90c., and December was 19.10c.

Starch.—A good demand was noted for this product again last week, with a steady to firm tone. Report from Washington stated that $10,000,000 corn loan program, providing seed corn loans to assure farmers in drought areas adequate seed for planting next Spring was under consideration of the Department of Agriculture. The program would provide for two types of loans on farm-stored seed corn. A loan of $1.75 per bushel on field selected corn which meets the proper germination and storage requirements is provided for the first time. A loan of 55c. per bushel on good quality and proper stored cribbed corn which can be sorted for seed at a later date also would be provided. The loan would give an option right for purchases by the government at a rate considerably above the loan value amount. The interest rate would be 4 percent, as in the programs of the last three years.

Tanning Materials

Divi-Divi. — Although demand was spotty during the week just closed, sellers reported no change in the price position of the market, which was nominal, because of the limited supplies.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Bids Wanted

Acetylene:—3,500 cubic feet; Commanding Officer, Springfield Armory, Mass.; circular 40, opening September 28.

Ammonia:—Supplies of; Post Commissary, Fort Jay, N. Y.; circular 6, opening September 25.

Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 28, opening September 24.

Asphalt Emulsion:—4,000 gallons; State Procurement Officer,: Treasury Department, Raleigh, N. C.; procurement 590, opening September 24.

65,000 gallons; State Procurement Officer, Treasury Department, Newark, N. J.; procurement 17,280, opening September 22.

Blueing:—Supplies of; Quartermaster, Fort Hoyle, Md.; circular 19, opening September 24.

Bon-Ami:—Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.

Bone Black:—1,500 pounds; Commanding Officer, Rock Island Arsenal, Ill.; circular 82, opening September 23.

Burnt Sienna:—3,000 pounds, dry, for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8,767, opening September 22.

Calcium, Flake:—10 tons; State Procurement Officer, Harrisburg, Pa.; procurement 14-1465, opening September 23.

Calcium Hypochlorite Powder:—15 cases, as required during the period ending December 31; U. S. Engineer Office, P.O. box 4970, Jacksonville, Fla.; circular 55, opening September 23.

Carbontetrachloride fire extinguisher:—288 quarts; General Purchasing Officer, Panama Canal, Washington; schedule 3183, opening October 5.

Caustic Soda:—30,100 pounds; Quartermaster, C.C.C., Binghamton, N. Y.; procurement 5203-6, opening September 25.

Supplies of; U. S. Engineer Office, P.O. box 667, Vicksburg, Miss.; circular 78, opening September 25.

Cocoa Butter:—650 cakes for Chicago and Perry Point; procurement 147, opening September 25.

Drier:—150 gallons; Purchasing and Contracting Officer, Quartermaster Corps, Mitchell Field, Hempstead, L. I.; procurement 568-1 opening September 28.

Fertilizers: — Supplies of; for Indiana, Pa.; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 6063, opening September 25.

Flavorings:—Supplies of; U. S. Engineer Office, P.O. box 667, Vicksburg, Miss.; circular 79, opening September 25.

Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 28, opening September 24.

Supplies of; Quartermaster, District C. C.C.C., Fort Oglethorpe, Ga.; circular 19, opening October 6.

Supplies of; Supervisor of New York Harbor, 39 Whitehall street, New York City; circular 2, opening September 22.

Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 48, opening September 28.

Fuel Oil:—200,000 barrels for delivery at various Gulf ports; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8783, opening September 22.

70,000 barrels for delivery at Melville, R. I.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8784, opening September 22.

3,415 gallons; Quartermaster, C.C.C., Binghamton, N. Y.; procurement 5203-6, opening September 25.

Hydrated Lime:—37,600 pounds; Quartermaster, C.C.C., Binghamton, N. Y.; procurement 5203-6, opening September 25.

Lacquer:—530 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 30, opening October 8.

Lard:—Supplies of; U. S. Engineer Office, P.O. box 667, Vicksburg, Miss.; circular 73, opening September 25.

Supplies of; Quartermaster, Fort Hoyle, Md.; circular 18, opening September 25.

Lard and Lard Substitute:—Supplies of; Quartermaster, Fifth C.C.C. District, New London, Conn.; procurement 5105-10, opening October 14.

Supplies of for various deliveries; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 34, opening September 24.

Supplies of; Purchasing and Contracting Officer, Fort Niagara, N. Y.; circular 12, opening September 25.

Supplies of; Purchasing and Contracting Officer, Port Commissary, Fort Thomas, Ky.; circular 11, opening September 25.

Supplies of; U. S. Engineer Office, P.O. box 667, Vicksburg, Miss.; circular 75, opening September 25; circulars 72, 74 and 75, opening September 25.

Linseed Oil:—440 gallons, boiled; Purchasing and Contracting Officer, Quartermaster Corps, Mitchel Field, Hempstead, L. I.; procurement 568-1, opening September 28.

Lithopone:—1,500 pounds, dry; Commanding Officer, Rock Island Arsenal, Ill.; circular 82, opening September 23.

Matches, Safety:—Supplies of; U. S. Engineer Office, P.O. box 667, Vicksburg, Miss.; circulars 76, 77, 78 and 79, all opening September 25.

Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.

Mayonnaise:—Supplies of; Quartermaster, Fort Belvoir, Va.; circular 11, opening September 24.

Supplies of; Commanding Officer, Boston Quartermaster Depot, Army Base, Boston; circular 43, opening September 23.

Supplies of; U. S. Engineer Office, Vicksburg, Miss., P.O. box 667, Vicksburg, Miss.; circular 76, opening September 25.

Supplies of; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 48, opening September 24.

Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 52, opening September 30.

Supplies of; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; circular 27, opening October 5.

Supplies of; Quartermaster, Fort Hoyle, Md.; circular 19, opening September 24.

Oxygen:—10,000 cubic feet; Commanding Officer, Springfield Armory, Mass.; circular 40, opening September 28.

Paints:—Supplies of; Contracting Officer, C.C.C., Headquarters District 2, Pittsburgh; circular 5302-22, opening September 28.

Paint and Enamel:—410 gallons; Contracting Officer, Quartermaster Corps, Fort Benning, Ga.; circular 20, opening September 24.

Paint Thinner:—1,200 gallons for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8795, opening September 29.

Raw Sienna:—5,000 pounds, dry, for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8767, opening September 22.

5,500 pounds, dry, for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8767, opening September 22.

Rock Salt:—6,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3183, opening October 5.

(Continued on page 63)

Gambier.—Business in the common material continued quiet again last week, but the prices were steady. There was little to report in the market for the plantation and Singapore cubes, with the prices holding unchanged.

Mangrove Bark.—This market presented little change during the week, with the call indicative of covering for nearby production requirements, and prices were without change.

Myrobalans.—Despite the dull character of demand noted in the market again last week, with the routine consumers content to purchase for immediate production wants, sellers reported prices were about the same for the J1 as well as the J2 and R2 product.

Quebracho.—This situation was much the same as the preceding period, with shipments moving to consumers at a fair clip, and the prices were well maintained.

Valonia.—Another slow week was registered in this market during the week just closed, but the market retained a firm price position, due to the uncertainty regarding the volume of material that will be exported when the new crop is gathered. The previous crop was at least fifty percent of normal proportions.

Wattle Bark.—Another quiet week was recorded in this direction, with prices holding unchanged at the levels established in the preceding period.

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Trade Continues to Register Improvement—Zinc Oxide in Heavy Demand — Spanish Oxides Unchanged — Naval Stores in Moderate Request—Construction Activity Encouraging

The sale of raw materials to paint, varnish and lacquer manufacturers continues at a nice rate of activity and each week of the early Autumn season seems to register a progressive improvement over its predecessor. Prospects are high for maintenance of a substantial volume of production of surface finishes through the remainder of the Fall season. Trade slumped a little during the closing days of last week, due perhaps to the religious holidays. Zinc oxide seems to be out-selling the market right now. The prices for lead-free and leaded zincs move up on October 1 and inasmuch as producers will book requirements for the fourth quarter of the year at the current prices, there is a good deal of purchasing for forward needs. As reported previously, orders booked for delivery after September 30 will be billed as of October 1. Zinc oxide suppliers say that there is a good demand for prompt consumption as well as the heavy interest in forward position. Other pigments show life also but the sales of zinc products are in the van of the market now.

Varnish resins are moving out against contract in a fair way but the booking of new business has not shown much of an improvement. The lone change in the natural gum group last week was a reduction in the price of CBB Manila gum.

Spanish oxides continue unchanged in price. Most sellers continue to apportion stocks to their regular customers. Those able to reach their suppliers abroad are informed that production in Spain has not been resumed; others are unable to communicate with their Spanish principals. The mercury colors did not move in price last week but are very tight.

Turpentine seemed to be soft all week and the sellers were unable to find more than a limited buying support. Rosin was in a better position and purchasing interest was livelier than in the turpentine market.

Construction reports from every source where such information is compiled, continue encouraging. Dun & Bradstreet's report for August in 215 cities showed a total of $83,109,753 in permits. This is a decrease of 12.8 percent from the July total of $95,281,845, but is an increase of 49.6 percent over the $55,536,546 total of August last year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ethyl acetate, ½c. per lb.
Isopropyl acetate, ½c. per lb.
Rosin, gum, N, 2½c. per 280 lbs.
W.G., 25c. per 280 lbs.

Reduced

Gum, copal, Manila, CBB, ½c. per lb.
Rosin, gum, W.W., 20c. per 280 lbs.
X, 25c. per 280 lbs.
Turpentine, spirits, ½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	**129.9**	**129.9**	**134.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

London is the most interesting focal point in the lead market these days. Prices have been advancing steadily and the market crossed the £19 mark in the fore part of the week. It failed to hold, but remained close to £19 on Thursday and Friday. The purchase of lead as a war material is responsible for the climb of the market abroad. Purchasers here were very active during the week and some sellers who have been selling to regular customers only began to apportion sales among regular buyers last week. In the ordinary course of events lead prices should advance under the heavy purchasing, but quotations continued last week at 4.45c. per pound at East St. Louis and 4.60c. to 4.65c., according to seller, here. August statistics are due in the early part of the week, and if stocks show a substantial drop there is a likelihood that the market might follow London upward.

Slab zinc is mildly active these days. The producers have a large backlog on their books and any attempt to boost the market at this time might create a resale market at a future date. The London market has been quite steady. Quotations for zinc here continue at 4.85c. per pound, basis East St. Louis.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from September 12 to September 18, inclusive, are as follows:—

	Pigs				
	Per pound		Spot. London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0460@.0465	$0.0445	..	..	..
Monday	.0460@.0465	.0445	19	5	0
Tuesday	.0460@.0465	.0445	19	10	0
Wednesday	.0460@.0465	.0445	18	11	3
Thursday	.0460@.0445	.0445	18	6	3
Friday	.0460@.0465	.0445	18	7	6

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from September 12 to September 18, inclusive, are as follows:—

	Slabs				
	Per pound		Spot. London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.05275	$0.0485	..	..	..
Monday	.05275	.0485	14	7	6
Tuesday	.05275	.0485	14	7	6
Wednesday	.05275	.0485	14	8	9
Thursday	.05275	.0485	14	3	9
Friday	.05275	.0485	14	1	3

Pigments

Zinc oxide continues as the most active mover in the pigment materials group. Aside from substantial bookings for forward needs at the prices which are available for the remainder of the month, producers say that there is a good deal of pigment moving for prompt consumption. Lead products continue fairly active and the titanium pigments continue in the heavy demand that has been characteristic of the market since August. Prices are firm and without change except for the coming rise in the price of lead-free and leaded zincs on October 1.

White Lead.—Trade in the metropolitan New York area was lighter during the final part of the week because of religious holidays, but elsewhere there was a fairly good demand for supplies. Business has been improving progressively for the past four weeks and prospects are good for continued activity over the Fall months. Prices hold at unchanged levels.

Red Lead.—The call for replacements continues an active pace. The consumption has been improving steadily during recent weeks. Prices hold a steady position throughout.

Litharge.—Conditions surrounding the market for this lead oxide are unchanged from those of a week ago. There is a little more interest in the market, but the prices stand unchanged at the levels that have been in force for some time.

Lithopone.—In company with some of the other pigments, there was a lull in local trade during the closing days of last week, because of religious holidays. Trade was active in the fore part of the week and indirect reports from the Middle West indicate a fairly active business among manufacturers there. Prices hold at schedule.

Titanium Pigments.—The heavy demands that have been a feature of the market during the past several weeks continued throughout last week. Fall trade is fulfilling the expectations sellers entertained some weeks ago and is likely to continue in good dimensions over the remainder of the Autumn. Prices hold at schedule.

Zinc Oxide.—In addition to the heavy bookings to cover against the price rise on October 1, sellers say that there is a good movement for prompt consumption. Buyers will likely operate broadly

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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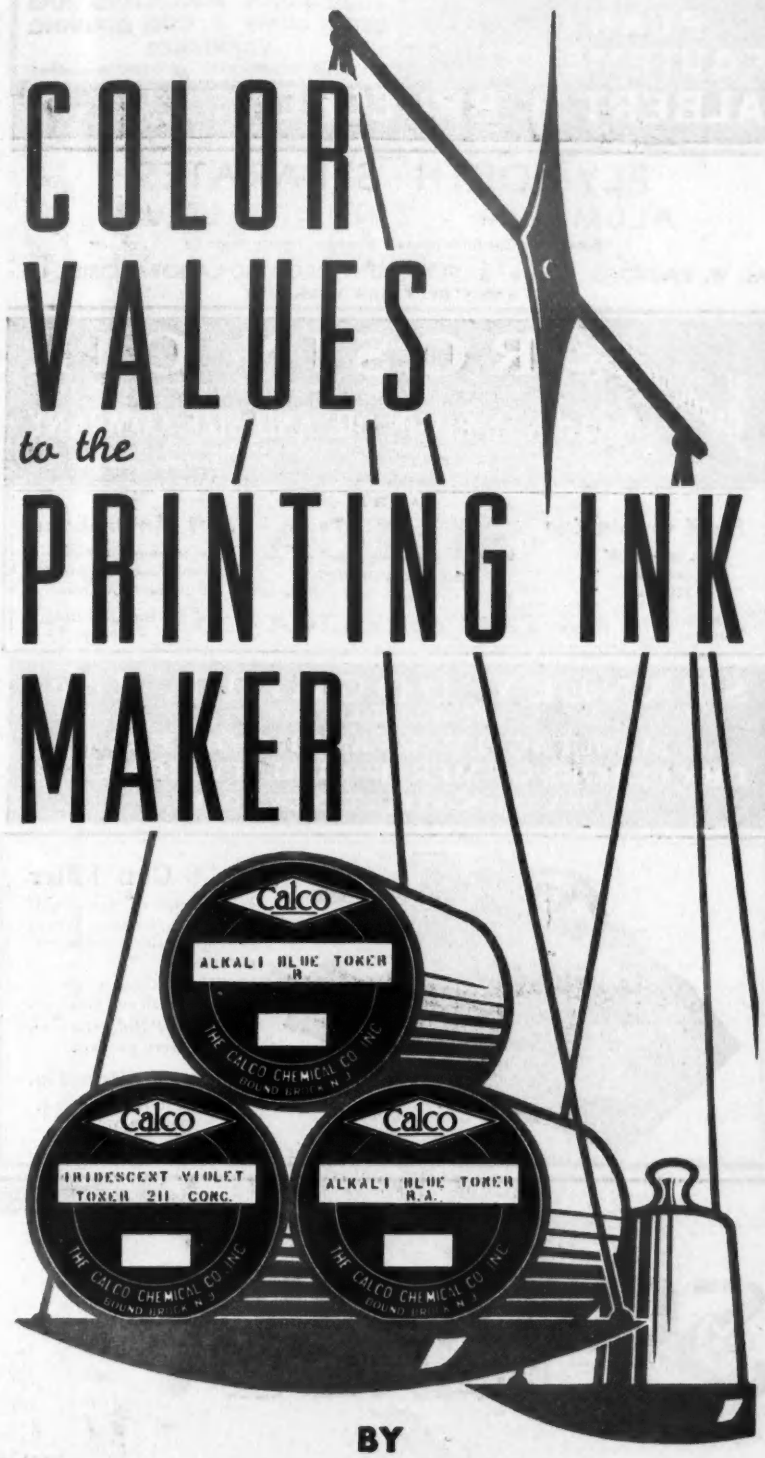

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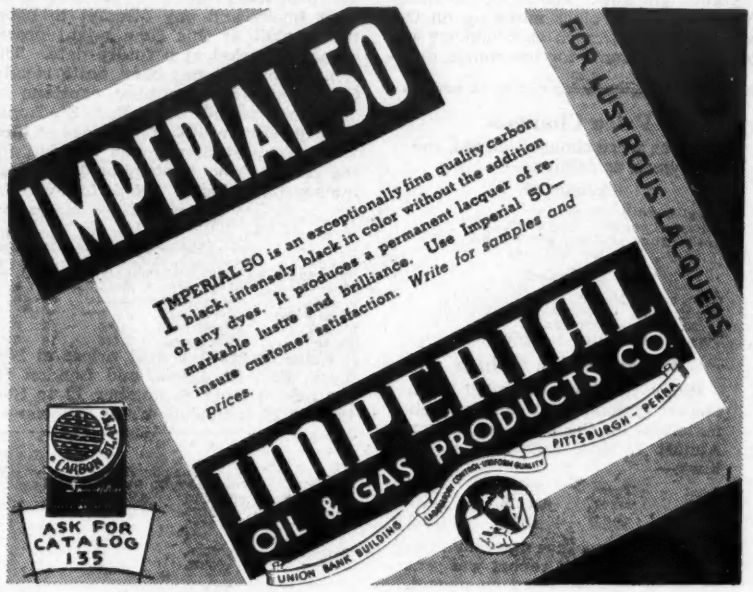
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over the balance of this month. As reported previously, sellers are accepting blanket orders for fourth quarter deliveries at current prices. Orders taken on this basis will be billed as of October 1. The new schedule for American process oxides in bags will be as follows:—Lead free, 20 ton lots, 5¼c., small lots, 5½c.; 5 percent leaded, 20-ton lots, 5⅛c., smaller lots, 5⅜c.; 35 percent leaded, 20-ton lots, 5⅛c., smaller lots, 5⅜c.; 50 percent leaded, 20-ton lots, 5¼c., smaller lots, 5½c. per pound. Barrel packing is chargeable at ¼c. per pound additional and 20-ton lot orders of 35 percent and 50 percent leaded may be combined. The schedule for French process oxides in bags is as follows:—Lead-free, 20-ton lots, 5¼c., smaller lots, 5½c.; green seal, 20-ton lots, 6¼c., smaller lots, 6½c.; red seal, 20-ton lots, 5¾c., smaller lots, 6c.; and white seal, 20-ton lots, 6¾c., smaller lots, 7c. per pound. Barrel prices are ¼c. additional. The aforementioned prices for American and French process oxides are subject to usual differentials for Pacific Coast delivery.

Fillers and Extenders

Barytes is moving into consumption at a fast rate, according to the domestic factors. The market is firm and there have been no changes in price at producing points or out of warehousing points. Other materials included in the group of inert pigments, mineral whites and extenders are moving faster than they were a month ago. Fibrous talc finds a fairly good demand and as indicated previously, some factors look for a higher market for 1937. There were no price movements reported for materials in this division of the market last week.

Barytes.—There is a good demand from the paint manufacturing industry and sellers report that stocks are moving into the buyers' hands at a fast pace. The price situation continues steady at unchanged levels.

Graphite.—Neither flake nor powdered material has altered its position since last reported. The calls from the paint manufacturing trade are small but other lines of outlet provide a fair interest. Prices continue unchanged.

Tale.—The market for industrial grades has been favored with improved activity over recent weeks and trade prospects for the remainder of the Fall are quite promising. Fibrous material is in good request and prices are unchanged although factors have indicated that the trade may look for a higher market for 1937.

Dry Colors

Quicksilver derivatives held without further price shift last week. Technical mercuric oxides and vermilion held their recent gains but suppliers did not mark up prices during the past week. Spanish oxide continues at the price that has been in force over the past several weeks. There are no import replacements of Spanish oxides and most suppliers here are out of touch with their principals abroad. Those who have been able to get cables through indirectly report that the Spanish producers have not yet resumed operations. There are no changes in color prices to report for the final quarter of the year.

Carbon Black.—The paint and ink makers are buying specialty blacks in good style. The rubber tire trade's purchasing schedules for this month are well proportioned and sales to that channel of consumption are reported as being quite large. Prices continue unchanged.

Chrome Yellow.—There has been no change in the position of the market. The demands are fairly active at this time, having shown progressive improvement during the past few weeks.

Iron Blues.—Conditions surrounding the market for this article are the same as they have been. Normal Fall business improvement is reported and the prices continue unchanged.

Mercury Oxides.—Although raw material costs have risen since current prices were established the manufacturers of technical red and yellow have not raised the market beyond the basis of $1.29 per pound, the figure established a few weeks ago.

Spanish Red Oxide.—Importers who are in communication with their suppliers abroad are tersely advised that

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

You have eliminated one formulating variable when you use

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manufacturing operations have not been resumed. The cables contain little other information. Some importers are not able to reach the producers at all. There are no replacements coming in from Spain. Prices here continue unchanged but most sellers are apportioning stocks to their regular customers.

Vermilion.—Conditions are tight and there is a likelihood that prices will rise over the present levels of $1.65 per pound for quantity and $1.66 to $1.72 per pound for smaller lots. The high price for quicksilver and the lack of replacement metals from Spain are responsible for the market's condition.

Varnish Gums

New bookings continue rather light but the demands against existing contracts have been improving. Fall trade has been responsible for the improved rate of withdrawals against contracts. Prices are generally steady, both here and abroad, and the lone change of the past week was a reduction in CBB Manila gum in the spirit soluble group.

Copal.—Quotations for CBB in the Manila spirit soluble group were reduced ½c. per pound last week to the basis of 8c. per pound for car lot amounts. Usual differentials for smaller quantities prevail. Congo gums and others continue without signs of disturbance and cable prices from abroad show steadiness.

Dammar.—It has been some weeks since prices for Batavia or Singapore gums have shifted. Quotations hold a very steady position under light booking of new business. However, there is a fairly good movement of gum against contract.

Synthetic Resins

Synthetics are moving into consumption at a steady pace. The demands for ester gums are reported as being quite lively these days. Ester gum prices hold at the levels that were established at the beginning of the month. There were no changes reported in other synthetics last week.

Naval Stores

The rosin market experienced a fair interest on the part of the purchasers but turpentine was dull and the easing price situation in the latter article did not receive much in the way of buying support. Rosin seemed firm here and in the Southern primary points, holding the gains of a week ago. Local buyers who had been watching the slight improvement of activity in the South a week ago were more inclined to cover this week as the purchasers in the South continue to bid for the offerings. Factors were refusing underbids. There were reports that some of the foreign buyers were purchasing abroad because of cheaper prices on the other side of the Atlantic. Turpentine should show a little more seasonal activity than it does. Receipts at the primary points continued in fairly liberal fashion because of favorable weather conditions. As this is written, however, a storm of hurricane proportions is skirting the naval stores producing district. A report from the Department of Commerce indicates

(Continued on page 62)

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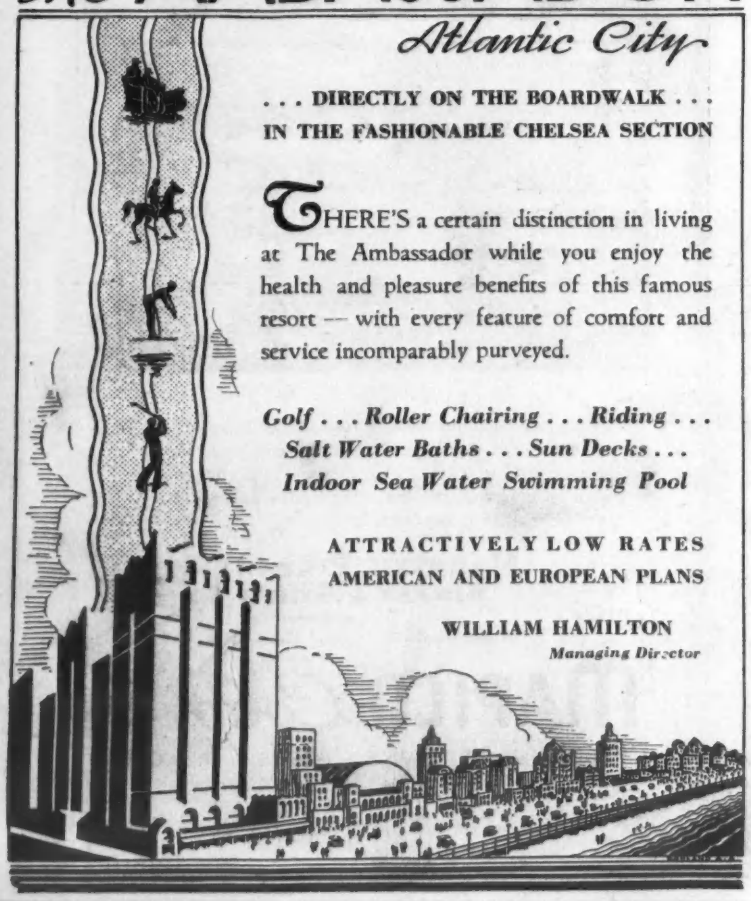

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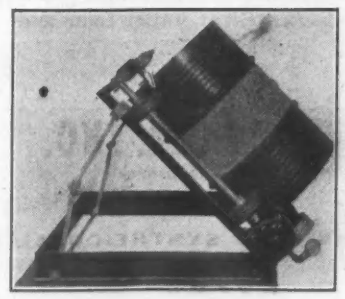

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Oils, Fats and Waxes

Tallow Active and Stronger—Coconut Oil Regains Price Reduction —Chinawood Oil Weaker—Lard Stocks Disappearance Below Expectations

Moderate trading was noted in the market for vegetable, animal, and fish oils, fats and greases last week. Consumers manifested a good inquiry for most products but the volume of actual trading was not as active as during the week previous. Prices, too were slightly easier but on the whole the market structure was fundamentally firm. Tallow was stronger and was advanced both for prompt and future delivery. Greases were quotably unchanged but the boost in tallow created a firmer tone to the former. An easier trend developed in crude coconut oil and prices declined ⅛c. per pound early in the week, but the reduction was regained later under an improved demand. Further easiness occurred in China wood oil with prices reduced under increased offerings from primary centers. A fair volume of sales were booked at the lower levels. Offerings of crude corn oil continue restricted and some trading was put through at current firm levels. Demand for oleo stearin was more active and the market was fractionally higher. Interest in lard compound was quiet with prices well held. Producers advanced red oil and stearic acid owing to the higher cost of basic materials.

Trading in edible oils slackened, the demand was affected by the holidays. Refiners, however, were not inclined to shade prices as the production of cottonseed, corn and soya bean oils may possibly be smaller than last season.

Crude menhaden oil was more active and some thirty tanks were sold in the Chesapeake sector. Producers along the Atlantic seaboard practically withdrew offering and requested bids.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tallow, ¼c. per lb.
Red oil, distilled, ½c. per lb.
Red oil, saponified, ½c. per lb.
Coconut oil fatty acid, ¼c. per lb.
Stearic acid, ½c. per lb.
Crude oil, Menhaden, 1c. per gal.
Oleo stearine, ⅛c. to ¼c. per lb.
Oleo oil, ¼c. per lb.
Cottonseed meal, $1 per ton.

Reduced

Chinawood oil, ½c. per lb.
Carnauba wax, No. 2 yellow, 1c. lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
139.2	137.8	135.8	138.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu. — Buyers were manifesting an increased inquiry and with spot stocks limited, the market was firm at the recent advance. Stocks were not offered freely as current production has been moving steadily into consuming channels.

Chinawood. — Further weakness developed under increased offerings both for old and new crop oil and prices were reduced at least ½c. per pound. Sellers tanks were quoted at 13c. per pound, Pacific Coast for September-January and at 12.70c. for February forward. The usual addition of ½c. was added for New York delivery. A fair volume of business was put through during the week although offerings were materially reduced, and lower bids in most instances were rejected.

Coconut. — Under an improved demand for crude oil, late in the week, the market developed a firmer tone and the reduction of ⅛c. per pound was regained late in the week. Sales early in the period for crude were transacted at 5⅜c. per pound, sellers tanks, Pacific Coast with sellers later maintaining 5½c. Copra was entirely nominal, though closing firmer owing to limited offerings from primary centers, with nominal quotations ranging from 3.50c. to 3.75c. per pound, Pacific Coast, according to quality.

Corn Oil. — Sales of fair volume were transacted in crude and refined grades last week. Crude was sold at 9¾c. per pound, tanks, Chicago. Offerings of this grade were limited and prices were more or less nominal. Refined oil was in fair request and quotably unchanged.

Cottonseed.—Trading in semi-refined imported was limited although inquiry was fairly active. Quotations for shipment from foreign centers were entirely nominal and without change.

Mustard. — A steady demand for spot and prompt delivery was noted during the week. Prices were well held at current levels. Offerings continue limited.

Olive. — Consuming interest in denatured olive oil was moderate with the bulk of trading restricted to jobbing lots. Offerings for shipment continue meager resulting in nominal quotations for all grades. Trading in foots was light though spot stocks were closely held, and in limited supply.

Palm. — An improved consuming inquiry was noted last week for nearby and forward shipment owing to the firmer tallow market. Trading was restricted by limited offerings from primary centers and small available stocks on the spot. Quotations were unchanged.

Perilla. — Interest was fairly active for nearby positions, though trading was mainly for spot requirements. Offerings were not heavy for spot or forward delivery. Prices were unchanged and steady and did not reflect the decline in wood oil. Tanks were quoted at 9¼c. per pound for nearby delivery.

Rapeseed.—While trading was not active, the market remained on a steady basis. Offerings were limited and current prices were well held for all positions. Denatured oil was named at 66c. and 67c. per gallon drums on the spot. Supplies on the spot are said to be light.

Sesame. — Stocks of refined domestic oil on the spot are not abundant and holders are maintaining prevailing quotations for spot and prompt deliveries.

Soybean. — Trading continues moderate with prices well held. Offerings from the West were not heavy. Crude oil in sellers tanks was sold on the basis of 8c. to 8⅛c. per pound f.o.b. Western mills. Inquiry during the week, for refined oil was quiet, but quotations were unchanged and well held.

Teaseed.—Offerings of new crop oil attracted some interest but buyers manifesting most attention in prompt delivery. Trading was quiet with prices unchanged.

Markets at Other Centers

San Francisco, Sept. 14.—While chinawood oil sluffed off once more and imported cottonseed oil dropped today, some signs of continued strength dwelled in the vegetable oil picture here last week as a few items on the list moved up fractionally. Sales on the whole were only fair, according to a check on the trade. A sign of a definite market trend at the moment seems somewhat lacking. An interesting recent development was the arrival of a shipment of Philippine kapokseed, against which was assessed a duty of two cents per pound, under the provisions of the Bailey amendment to the revenue bill, which became operative last month. According to the consignees, it was expected the shipment, coming from the Philippines, would apply under the revenue act of 1930 and escape the Bailey assessment. This is the first Philippine shipment of kapokseed to arrive here.

Ruling prices are:—

BABASSU.—Quoted at 8¼c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude coconut oil is quoted at 5⅜c. per pound in tankcars, f.o.b. Pacific Coast for nearby shipment. Later deliveries, into February-March, quoted at 5¼c., with sales at this figure.

COPRA.—Continued its rise as last week went by and then dropped again to a level where today it is quoted on the same basis as one week ago. Sales have been of a more or less routine nature, although at times during the week there was a very fair run of buying activity. The market shows up as somewhat easier at the moment, so far as undertone goes. After touching a buying point here of 3.40c. per pound, the material is now quoted at from 3.25c. to 3.30c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $33 per ton for domestic, ex mill, subject to strike conditions. Philippine meal is quoted at $31.25, ex dock, San Francisco.

CHINAWOOD.—Chinawood oil is easier. Quoted at 13¼c. per pound in tankcars for from spot to nearby. Futures, April-June, quoted at 13¾c. per pound. Sales have been slow.

KAPOKSEED.—In strictly a nominal position, owing to scarcity of stocks. Quoted at 8¾c. per pound in tankcars, f.o.b. Pacific coast ports. Bleachable grade, 9¼c.

COTTONSEED. — Semi-refined foreign cottonseed oil is quoted at 9.80c. per pound, duty paid in tankcars, f.o.b. Pacific coast, September-November shipment.

PERILLA.—Japanese perilla oil is quoted at 9¼c. per pound in tankcars, prompt to December-February shipment from the Pacific coast out of storage.

HEMPSEED.—Crude hempseed oil is quoted at 8¼c. per pound in tankcars, f.o.b. mill, Pacific coast, with drum lots at 9c., prompt shipment. Refined oil quoted at 9¼c. per pound in tankcars, with drum lots at 10c., ex warehouse.

RAPESEED.—Non-denatured, pure refined rapeseed oil is quoted at 9c. per pound, duty paid, in tankcars, f.o.b. Pacific coast for prompt shipment. Denatured and refined oil is quoted at 8.30c. Blown rapeseed oil is quoted at 73c. per gallon of 8 pounds, f.o.b. San Francisco. Futures nominal.

TEASEED.—Nominally quoted at 9½c. per pound in drums, c.i.f. Pacific coast ports for prompt shipment from the Orient. New crop, November-December oil quoted at 9c.

SESAME SEED.—Crude oil is quoted at 9¼c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific coast.

Chicago, Sept. 18.—Vegetable oils in the current market remain generally quiet, but have developed price changes of fractional nature in recent days, in both directions. Coconut oil, if anything, is tending a little firmer, and some material has moved at slightly higher prices recently. Corn, in a dull market, appears to be ruling about unchanged. Chinawood has been moved at some recessions. Soybean is firmer than recently. Peanut oil is reported ruling at prices a little below those in effect earlier.

COCONUT.—Crude oil, 5½c. to 5⅝c. per pound, nominal, Pacific coast. Refined, edible oil, 10c. to 10¼c. per pound, bar-

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed IVORY BRAND
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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

rels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9¾c. to 9⅞c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11⅞c. to 12c., barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 15¾c. to 16c. per pound; futures shipments, 13½c. to 13¾c.

SOYBEAN.—Crude, prompt shipment, 8½c. to 8¾c. per pound, mills; and 9¼c. to 9½c., drums, car lots.

PEANUT.—Crude, 9½c. to 9¼c. per pound.

Chicago, Sept. 18.—Price range for soybeans for the week ended Sept. 16:—No. 2 yellow, high, $1.26; low, $1.16⅛.

Cottonseed Oil

While the refined oil market was unsettled early in the week a steadier tone was in evidence toward the close under an active commission house demand. Crude oil was in better request and bids were advanced ⅛c. with offerings scarce.

Cottonseed Oil.—This market was featured by a steady tone during the week. Prices moved to higher levels under persistent buying by commission houses. There was also a noticeable resistance to hedge selling by refining interests. Trading was active on minor declines, especially from traders who absorbed the bulk of March offerings up to 10.35c. Scarcity of offerings of new crude oil from the South continues to be the strong underlying factor in refined oil. The movement from primary points continues slow. An active inquiry was received for crude during the week, and buyers advanced bids ⅛c. per pound. In the Southeast bids were advanced to 8⅞c. per pound, buyers' tanks, and at 8¾c. Texas points. Crushers' ideas were from ⅛c. to ¼c. higher and actual trading was restricted. The lard market was unsettled and easier owing to liberal liquidation by speculators and warehouse interests. There was also some selling in lard owing to the unfavorable report of lard stocks in Chicago showing a decrease of 800,000 pounds during the first half of September. The weakness in hogs was another factor which was reflected in lard and cottonseed oil. The prices for hogs continue easy and the market has declined at least ½c. per pound from the recent high point of $10.35 per 100 pounds. Consuming demand for lard was moderate. Lard stocks in Chicago on September 15 totaled 64,609,570 pounds, comparing with 65,345,140 pounds on September 1 and 17,176,380 pounds September 15 a year ago.

The statistical position of cottonseed oil remains in a firm position and the consensus was that the market will probably continue to strengthen because of the small cotton crop and the poor yield of crude oil per ton of seed, which during August showed an average of 290.7 pounds of oil per ton of seed against the average yield of 390 pounds for the past five-ten year average. Tallow was firmer under a steady call, and sales of extra were made at 7c. per pound, loose, f.o.b. an advance of ⅛c. Tallow futures were also higher, scoring moderate gains during the week. The grease market, while quotably unchanged, was steady, reflecting the advance in tallow. Trading in lard compound was fairly active with producers maintaining previous prices.

The cottonseed consumption report for August proved a disappointment to the trade. Some 261,290 barrels were consumed during August, comparing with 350,490 barrels for August last year. The visible supply of oil in all positions at the end of August totaled 772,000 barrels against 852,000 barrels for July and 1,024,900 barrels for August last year.

The seed markets continue firm. Demand in the Valley was active. Seed sales were made at $40 per ton, Mississippi, Tennessee and Arkansas.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 12 to September 18, inclusive:—

	Cents per lb. in tanks—High.	Low.	Close.	Sales, Tanks.
January	10.43	10.18	10.37@10.38	59
February	...	...	10.35@...	...
March	10.55	10.26	10.45@...	328
September	10.50	10.10	10.32@10.40	11
October	10.43	10.15	10.30@...	32
November	...	...	10.35@...	...
December	10.45	10.17	10.36@...	151
Total sales				581

Crude, Southeast 8⅞@9c.
Valley, 8⅞@9c.
Texas, 8¾c.

Chicago, Sept. 18.—The cottonseed oil market has been holding its own and at this juncture it is giving some evidence of continued abilities along those lines. There is a fair showing of buyer interest and offerings are not very burdensome. Prime crude oil in Texas and Oklahoma is 8¾c. per pound; while in the Valley and Southeast it is 8⅞c. Good, off-Summer, yellow fig oil is 10⅜c. Refined, edible oil is quoted at 11c. to 11¼c., barrels, carlots, and 11¼c. to 11¾c., barrels, less than car lots.

Hull, Sept. 18.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	32	0	29	6
Monday	32	0	29	6
Tuesday	32	0	29	6
Wednesday	31	6	29	0
Thursday	31	6	29	0
Friday	31	6	29	0

Cake and Meal.—Interest in cake and meal was active in Southern markets and prices were firm. Offerings continue limited for both cake and meal for nearby and forward shipment. Sales of meal 41 protein were made at $31.50 per ton, Memphis. Slab cake was held at $29 per ton, bulk, in the Valley. Inquiry showed marked improvement late in the week.

Markets at Other Centers

Atlanta, Sept. 16.—Cottonseed products took a downward turn this week, no item escaping. Weather continues favorable to cotton plant growth, with improved outlook in scattered spots, for a fairly good top crop, boll weevils permitting.

Harvesting is progressing throughout the cotton belt, with all gins operating. Quotations are as follows:—

OIL.—Prime crude, 8½c. per pound.

MEAL.—Seven percent grade, $30 ton, interior mills.

HULLS.—Loose, $5 per ton.

SEED.—$34.50 ton, interior shipping points.

Memphis, Sept. 17.—Last sales of crude cottonseed oil in the Valley were made at 8⅞c. per pound, with offerings advanced to 9c. Cottonseed meal was firmer and advanced $1 per ton. Meal, 41 protein was at $31.50 per ton, Memphis basis. Slab cottonseed cake was quoted at $29 per ton in the Valley in bulk. Hulls was named at $7 and $6 Valley points. Cottonseed was held at $40 per ton in Arkansas, Tennessee and Mississippi. The demand for seed was good and prices strong.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 10	September 17.
September	$31.25@31.75	$30.60@——
October	31.25@31.60	30.60@30.80
December	31.75@——	30.75@30.95
January	31.50@31.85	30.75@31.00
March	31.80@32.25	31.00@31.15

Linseed Oil

Trading in the flaxseed market was restricted to nearby shipment. Prices were irregular, with fluctuations narrow. Argentine closed stronger after reaching recent low. Linseed oil demand lacks snap.

Flaxseed—DULUTH, Sept. 18.—Activity in Duluth flax futures since the Labor day holiday has been the dullest in weeks. Some trading has been conducted in the December position, but day-to-day quotations for the most part have been nominal. An easier tone prevailed early this week in nearby positions when the trade noted a sharp break in the Winnipeg market. Cash business has been curtailed, too, as a result of the early movement of a small crop and the elevator workers' strike in Minneapolis, but news that one crusher plant had resumed operations after three weeks of virtual idleness was encouraging. Less favorable crop reports are being received from Argentina, where a period of dry weather is being stretched out in northern sections.

The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$2.00	$2.00	$2.00
Monday	2.06	2.07	2.06
Tuesday	2.05	2.06	2.06½
Wednesday	2.07	2.06	2.07¼
Thursday	2.07	2.07	2.07
Friday	2.08	2.08	2.08

Crop movement in bushels follows:—

	Receipts— 1936.	1935.	Shipments— 1936.	1935.
This week	26,002	295,457	368	....
Since Aug. 1	472,873	383,751	266,092	4,963

MINNEAPOLIS, Sept. 18.—The local flaxseed market is without change. The strike of mill and elevator workers as yet has not been settled and it is impossible to unload flax here. There is a good demand at diversion points and for flat rate offers to move to other points but competition is not strong enough to make good prices for seed that otherwise would be taken care of locally. There is no lack of demand for the choicer quality and where this sort is concerned there is some competitive spirit shown. Diversion point premiums are maybe 3c. better than offered for flax that has to go to outside points from here.

Mills at Red Wing, Milwaukee and Chicago are taking the flat rate Minnesota offers and there is an eastern demand for the diversion point arrivals. Some of the diversion point offers are going to Milwaukee and Chicago.

Yesterday afternoon one of the mills defied the strikers and opened up but generally speaking there is a shut-down. It is hoped that some sort of settlement will develop shortly so that all of the plants can open. The governor of the state has taken a hand in the affair and demands a show-down. The mayor was elected by labor votes and so far has shown little or no disposition to mix in.

Trade in futures is very limited and erratic. There was probably one good day during the past week. Country offerings materialize periodically and some hedging pressure results. Crushers are not aggressive buyers and therefore when this pressure shows prices go down. When country offers are light prices go up.

Deliveries on September contracts to date show a total of 25,000 bushels. This seed has been ordered out but because of the elevator strike it cannot be loaded.

No. 1 seed on spot is quoted at 3c. under to 9c. over December, diversion point premiums being quoted at 3c. under to 12c. over, according to point of origin.

Farm selling is moderate and country elevator stocks are piling up gradually. A fair run of seed is expected as soon as the strike is settled.

The last government report was lowered slightly and conformed more with the ideas of the local trade as regards production this past season.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.19	$2.19	$2.05
Monday	2.17	2.00	2.08
Tuesday	2.18	2.00	2.03½
Wednesday	2.20½	2.12	2.05
Thursday	2.10	2.10	2.00
Friday	2.07½	2.11½	2.05

Crop movement in bushels as follows:—

	Receipts— 1936.	1935.	Shipments— 1936.	1935.
This week	....	747,130	....	59,820
Since Sept. 1	51,000	2,108,450	68,840	73,320

WINNIPEG, Sept. 18.—The market for flaxseed futures was quiet with prices irregular. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.70½	$1.70½	$1.69
Monday	1.66	1.68½	1.65½
Tuesday	1.66¼	1.66¾	1.67¼
Wednesday	1.67¼	1.66	1.70
Thursday	1.67½	1.65½	1.69⅞
Friday	1.66	1.66	1.65

BUENOS AIRES, Sept. 18.—Opening prices per bushel on September contracts were:—

	Last week.	Last year.
Saturday	$1.29¼	.....
Monday	1.29⅛	.....
Tuesday	1.27¾	.....
Wednesday	1.27¼	.....
Thursday	1.26½	.....
Friday	1.27¼	.....

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	79,000	20,000	51,000
United Kingdom	.....	8,000	.....
Continent	984,000	923,000	302,000
Orders	228,000	4,000	500,000
Others	83,000	107,000	314,000
Totals	1,374,000	1,060,000	1,227,000

Since January 1

To—	Bushels— This year.	Last year.
United States	8,264,000	11,753,000
United Kingdom	819,000	948,000
Continent	21,995,000	24,545,000
Orders	9,443,000	16,363,000
Others	2,279,000	2,411,000
Totals	42,800,000	56,020,000

Visible Supply

Last week	5,512,000
Previous week	5,512,000
Last year	4,331,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	232,000	320,000	.....
Continent	.....	.....	56,000
Others	52,000	116,000	.....
Totals	284,000	436,000	56,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	5,496,000	860,000
Continent	728,000	440,000
Others	228,000	160,000
Totals	6,452,000	2,160,000

HULL, Sept. 18.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£11⅞	£13⅞
Monday	11⅞	14
Tuesday	11⅞	14
Wednesday	11⅞	13⅞
Thursday	11⅞	13⅞
Friday	11⅞	13⅞

Linseed Oil.—Consuming interest for linseed oil lacked snap during the week. While actual trading was quiet, buyers were manifesting more inquiry for later Fall deliveries than has been noticeable since Labor Day. Prices are generally steady although occasional car lots have been sold below the prevailing schedule. Crushers, however, were generally holding at current prices and it is doubtful if round lot business would be accepted below asking prices in some quarters. In fact lower bids have been refused during the past week and offerings are not heavy. Jobbing demand was moderate, although withdrawals against current contracts have been increasing steadily during the past fortnight.

Domestic seed markets were irregular and narrow, closing steadier in sympathy with firmer Argentine cables. Advices from the Argentine during the past week state that dry conditions prevail with moisture needed in the future. Farmers in the west and north Argentina are beginning to complain about the lack of rain.

The first official estimate of the Canadian 1936 flaxseed crop places the production at 1,855,000 bushels, compared with 1,472,000 bushels in 1935. While this represents an increase of 12.6 percent compared with the 1935 crop it is 16.6 percent below the 1930-34 average of 2,225,000 bushels. The July 31

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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carryover amounted to only 269,000 bushels compared with 313,000 bushels a year earlier.

Shipments of Argentine seed were larger than last week, totaling 1,374,000 bushels, comparing with 1,060,000 bushels the week previous. Some 79,000 bushels were exported to the United States, 984,000 bushels to the Continent, 228,000 bushels to orders and 8,000 to Canada. The visible supply was 5,512,000 bushels, the same as the week previous.

MINNEAPOLIS, Sept. 18.—Insofar as fresh trade is concerned there is nothing to report regarding linseed oil. Buyers are showing very little interest in the situation here and are able to procure their requirements elsewhere. Shipping instructions on maturing contracts are fair to good but are piling up on account of the strike. An attempt is being made to load out oil and in a partial manner is succeeding but there is no important supply of flax on hand to crush so there are limitations for crushing operations.

Quotations are purely nominal. Carload lots, cooperage, f.o.b. Minneapolis, 10.3c. per pound, tankcar lots 9.9c. per pound and warehouse lots 10.9c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	792,512	2,084,982
Since Sept. 1	3,860,775	5,705,326

Chicago, Sept. 18.—Both buyers and sellers of linseed oil are represented as watching the current status of demand and supply of the materials, as well as factors tending to influence the relationship of these factors over the early future. Movement of the oil into trade channels is of moderate volume. Offerings out of principal sources are not large, due to conditions over which suppliers are stated to have little control. Inquiry is reported fair. Ruling prices are:—Tankcar, 9.9c. per pound; drums, car lots, 10.6c.; warehouse deliveries, five drums, 10.9c.

San Francisco, Sept. 14.—Linseed oil developed some easiness last week. The trade here, upon inquiry, was in receipt of a note of a drop of one point in the price structure during the week, but one way or another there was not much interest shown. As a matter of fact, oil is available in tankcars at some 3 points below the posted levels. Contract movements against old commitments are holding well. Quoted:—Tankcars, 10.2c. per pound; drum car lots ex mill, 10.8c.; drum lots ex warehouse, 11.2c.

LONDON, Sept. 18.—Quotations on linseed oil were:—

	—Per cwt.— s.	d.
Saturday	25	7½
Monday	25	7½
Tuesday	25	4½
Wednesday	25	6
Thursday	25	6
Friday	25	6

Cake and Meal.—Trading in the cake and meal market was light. Prices were more or less nominal. Offerings were fairly liberal but buyers were disposed to hold off. The movement against recent contracts continues in good volume.

MINNEAPOLIS, Sept. 18.—The strike has effectually shut off the movement of linseed meal from Minneapolis and there is no trade to report. Crushers are endeavoring to make their deliveries from outside points and have succeeded after a fashion, but their local output is piling up on them. So far for the present week no shipments have been made from this point and until the strike is settled there is not apt to be any, unless crushers and other interests affected by the action of workers take the bull by the horns and force an issue.

Nominal quotations, carload lots, f.o.b. Mineapolis, 30 percent protein in 100 pound sacks, $42.50 to $43 per ton; 37 percent protein, $46.50 to $47 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	171,275	5,192,656
Since Sept. 1	2,825,480	15,976,103

Chicago, Sept. 18.—Feeders are still interested in the market for linseed meal, and the sellers are reported to be occupying a technically strong position. In the northwest the matter of physical ability to furnish products is creating much nervousness among both buyers and sellers. As a whole the price is holding at strong and relatively high levels. Resellers are market factors to a moderate extent at this time. Round lot business continues to be expressed in a mostly limited proportion of the whole business. Ruling prices are:—Round lots, $45 per ton, mostly nominal; car lots, $45 to $46; less than car lots, $47 to $47.50.

Animal Oils

Degras.—Fair-sized lots are moving against current orders. New business is showing steady improvement with former prices well held for all grades.

Lard.—Routine trading prevailed in this market during the week. Consumers are manifesting more inquiry for delivery, though actual trading is confined to spot requirements. Prices were unchanged and steady.

Neatsfoot.—Demand continued in fair volume at prevailing quotations. Offerings were not heavy and the tone of the market remained in a steady position in sympathy with pressing stock.

Oleo.—While trading continued moderate, the market was firmer. Prices of all grades were advanced ¼c. per pound. Inquiry was more active during the past week.

Markets at Other Centers

Chicago, Sept. 18.—Values in the animal oils market are strong to somewhat higher in certain cases. The sellers are not willing to consider bids at former prices in all cases, and some of them are definitely demanding fractionally higher prices in such items as lard, oleo and tallow in various quantities. The buying on this improved tone is reported as being fair, with inquiries moderate.

LARD.—No. 1, 10c. to 10¼c. per pound; No. 2, 9¾c. to 10c.

OLEO.—No. 2, 10c. to 10¼c.

TALLOW.—Acidless, 8¾c. to 9c. per pound, tanks; 10c., drums, less than car lots.

Fish Oils

Menhaden Oil.—Consuming inquiry was quite active during the past week although the bulk of trading was limited to spot and prompt requirements. Prices of all grades were without change, and firm. An active call was noted in crude menhaden and sales were made at 27c. per gallon, Baltimore, an advance of 1c. per gallon above previous business. Offerings from Chesapeake and other producing centers were materially restricted following the sales of some thirty tanks at the advance.

Sardine. — There was an improved demand mainly for spot and prompt delivery during the past week. Prices were unchanged for all grades. Offerings of crude on the Coast continue light and were firmly held.

Sperm.—Small lots were in better demand. Offerings were light and prices reflect the steadiness in other competing oils.

Whale. — Demand was fairly active during the week. Prices were unchanged and well maintained for all grades. Offerings were closely held.

Markets at Other Centers

Baltimore, Sept. 16.—There was another flurry in the menhaden oil market during the last week, with as many as thirty tanks sold at 27 cents per gallon at Baltimore, an advance of 1 cent a gallon over the last previous price and with a big gain in activity. With these new sales the supply of oil available at this figure seems to have been exhausted. At any rate, no more of the oil is being offered and diligent inquiry has failed to locate sellers who are willing to let their supply go at that level. Meanwhile the fishing in the lower Chesapeake Bay and outside of the Virginia capes continues quite good, the catch during the last week being not far from 25,000,000 fish, and production of oil should hold up very well. The factories, however, feel that oil should bring higher prices. Potential buyers seem equally reluctant to pay more, so that the situation again promises to become a sort of stalemate; the period of quiet is expected sooner or later to be broken when the necessities of users of oil become too strong to be deferred. The buyers, for their part, are no more free in naming figures which they might be willing to pay than are the sellers to let stocks of oil go. The quotations on refined oil are approximately 45c. to 48c. per gallon for light pressed, 50c. to 52c. for yellow bleached, and 52c. to 54c. per gallon for white bleached, all in barrels.

Chicago, Sept. 18.—The fish oil market remains rather quiet and without any special feature being disclosed. West Coast business has been carrying along in a limited vein, no special broadening of interest being reported. Buyers are taking fair-sized amounts. Other products have developed only routine characteristics lately, with inquiries limited.

MENHADEN.—East coast, 26c. to 27c. per gallon.

SARDINE.—Pacific coast, 31c. to 32c. per gallon.

SALMON.—Pacific coast, sellers' tanks, 32c. to 33c. per gallon.

San Francisco, Sept. 18.—A steady rise in the market throughout the entire week featured the trading here in sardine oil during the period under review, with the material finally reaching a point of 35 cents per gallon in tankcars for prompt shipment business. Deferred shipment was going at 34 cents. Reports were varied as to the amount of oil changing hands. However, it was generally regarded that there were very substantial quantities, with as usual the consuming factions taking out most of the oil. Speculative operations were fairly slight. No business figured from the Southern California district, operators from that territory so far being inclined to take a much higher view of the market. That portion of the fishing territory opens for sardine oil reduction on November 1, while operations in Northern California have been under way now for about three weeks.

Sardine oil out of the current Northern California season is already on its way for delivery on the East Coast in substantial quantities.

Production is good here. All reports of this nature say that fishing is all that can be expected at this time, and although reports of the California Fish & Game Commission are lacking at the moment, it is conceded that most of the factories are finding no difficulty in securing enough fish on which to operate full time. A strike temporarily unsettled this condition around the Monterey section over the week-end, but reports today say this condition has been adjusted. In any event, the fish as found are in good quantities and are ample in fat content. Some factories are getting 40 gallons to the ton.

Activity in the Oregon and Washington sardine fields seems to be over for this season, if the lack of fishing boats in those territories can be taken to mean anything. The fleets have come into the Northern California territory since the opening of the season here.

Ruling prices are:—

SARDINE.—New season California sardine oil quoted at 35c. per gallon for prompt shipment and 34c. for deferred shipment, f.o.b. production point, Northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

Fats and Greases

Grease.—A strong tone featured this market during the last few days in sympathy with the advance in tallow which was raised ⅛c. per pound. Holders were disinclined to offer freely and a stronger tone was evident. Inquiry at the close was quite active.

Lard.—While trading in spot and prompt deliveries was fairly active, the market was irregular and unsettled owing to the unfavorable hog news and the disappointing decrease in lard stocks at Chicago. The reduction in stocks for the first half of September amounted to 800,000 pounds. Stocks on hand at Chicago, September 15 were 64,609,579 pounds, compared with 65,345,143 pounds on September 1 and 17,176,380 pounds, September 15, 1935.

Tallow.—Strength featured this market during the week and price was advanced ⅛c. per pound. Sales of extra were put through at 7c. per pound. The spot market reflected the firmness of the futures market with sellers offering sparingly, both for spot and forward positions. Advices from Chicago report firm conditions in tallow, with prices well maintained at the advance early in the week.

Following is a record of the market for tallow futures on the New York Produce Exchange from September 12 to September 18, inclusive:—

	—Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
January	...	...	7.35@ 7.45	..
February	...	...	7.45@...	..
September	...	...	6.90@ 7.35	..
October	7.15	7.15	7.15@ 7.25	1
November	...	...	7.25@...	..
December	7.35	7.35	7.35@ 7.45	2
Total sales				3

Markets at Other Centers

Chicago, Sept. 18.—Despite the fact that statistics have not been outstandingly favorable to the cash lard market, the price structure has been a firm to strong one, with higher prices frequently noted. In this respect this market has corresponded to the trend in related products. Shipping trade, domestic, is fair; foreign has been dropping off somewhat. The tallows market is quite strong, with fractional price advances quoted. Greases also have been marked up to some extent. Stearins show little change.

TALLOWS (tierces).—Edible, 8⅞c. to 9c. per pound; prime, 7⅛c. to 7¼c.; fancy, 7¼c. to 7⅜c.; prime renderers', 6¾c. to 7c.; B country, 4⅞c. to 5⅛c.

GREASES (tierces).—Choice white, 7¼c. to 7½c. per pound; A white, 6⅞c. to 7c.; B white, 6⅝c. to 6¾c.; yellow, 10-15, 6½c. to 6¾c.; yellow, 16-20, 6½c. to 6¼c.; brown, 5¾c. to 6c.

STEARINS (barrels).—Prime oleo, 9¾c. to 10c. per pound; lard, packages, 12½c. to 12⅝c.; A white grease, 6⅞c. to 7c.; yellow grease, 6⅜c. to 6½c.; extra oleo stocks, 10½c. to 10¾c.; No. 2 oleo stocks, 9½c. to 10c. (Oleo stocks in car lots.)

Liverpool, Sept. 18.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Sept. s.	d.	Oct. s.	d.	Jan. s.	d.
Saturday	60	6	55	0	55	0	54	9
Monday	60	0	55	0	55	0	54	9
Tuesday	60	0	54	9	55	0	54	6
Wednesday	60	0	54	9	54	9	54	6
Thursday	60	0	..	..	54	3	54	0
Friday	..	..	..	..	..	..	..	..

Liverpool, Sept. 18.—Quotations per cwt on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	24	0	23	0
Monday	24	0	23	0
Tuesday	24	6	23	9
Wednesday	24	6	23	9
Thursday	24	0	24	0
Friday	24	0	24	0

Fatty Acids

As the result of the steadily mounting cost of raw materials, producers advanced coconut oil fatty acid ¼c. per pound. Demand of late has been quite active and a firm tone prevailed in all grades.

Red Oil. — Owing to a better demand and the higher cost of basic materials, makers advanced distilled and saponified grades ½c. per pound during the past week. Buying interest has been steadily increasing during the past fortnight.

Stearic Acid. — Producers announced an advance of ½c. per pound for all grades during the past week, due to the increase in the cost of pressing stock. Trading has shown a steady improvement since the first of the month.

Markets at Other Centers

Chicago, Sept. 18.—While the general price structure in the fatty acids market is about unchanged, a fairly firm undertone continues to prevail in the market as a whole. Buying has not been of an especially aggressive nature, but it has been sufficient to take care of the offerings, and perhaps a little more. Offerings are not proving particularly burdensome to the market at this time. Special cottonseed items are in a quiet and dull market. Stearic acids are firm and red oils are quite strong on a rather extensive market interest.

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7¼c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c., tankcar, partly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 6c. to 6½c., tankcar; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3⅜c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1¾c. to 2c.

STEARIC ACID.—Single press, distilled, 9½c. to 10½c. per pound; double press, 10c. to 11c.; triple press, 12¾c. to 13¼c.

RED OILS.—Distilled or saponified, drums, 9½c. to 10½c. per pound; barrels, 9⅝c. to 10⅝c.

Waxes

Bees.—The entire market was very firm. Even African wax, which had been trailing the market so far as strength was concerned, reflected the sharp rise in sterling exchange and achieved a firmer position. Demand for beeswax on this market continued to be very good and all prices were thoroughly maintained.

Candelilla.—While not changed fur-

(Continued on page 64)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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LEAD PEROXIDE
MERCURIC OXIDE
NITRIC ACID
SODIUM TUNGSTATE
TIN CRYSTALS
TIN TETRACHLORIDE

MANUFACTURERS OF
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Drugs, Fine Chemicals

Quicksilver in Further Price Rise—Mercurials Show Added Strength —Menthol Weak and Lower in All Markets—Sugar Coloring Advanced Sharply

Activity in the market for drugs and fine chemicals was satisfactory. Improvement in inquiry came in items to be in seasonal request in the nearby future and such materials showed considerable firmness throughout the period. Prominent in this respect were the positions of acetylsalicylic acid, amidopyrene, antipyrene, ammonia chloride, citrated caffeine, codeine salts, ephedrine sulphate and hydrochloride, potash and soda bromide, quinine sulphate, salicylate, and hydrochloride. Prices on all of these items were firm.

Quicksilver was higher again last week. Derived materials failed to change in price but the entire group of mercurials was firm at the recent advances. The tendency in such articles was upward. Of interest was the confirmed statement that for the first time in years, Italian quicksilver has been bought for this market. Three hundred flasks are on the way, seventy-five percent of which was reported to be sold.

Menthol was the weakest item in the entire market. Shipment prices were down sharply and primary market shippers offered ample quantities for export without finding many buyers. Spot holders reduced prices, although the first cost of locally held material was far higher than the present replacement cost in Japan.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Quicksilver, $2 per flask.
Sugar coloring, 5c. per gal.

Reduced

Menthol, 15c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
180.2	**180.3**	**179.4**	**185.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Citric.—Business was moderate in volume. The call was somewhat jobbing in character but it was also in line with the normal interest of most buyers at this season of the year. Prices remained very steady.

Acid, Tartaric.—Demand was fairly good in size but it was also somewhat routine in character. The special consumption of the acid during the Summer months has shown some decrease without a weakening of the general price structure.

Agar Agar.—Spot prices were unchanged. Prominent quarters said that the local quotations should be higher if they were to properly reflect the replacement cost in Japan. The fact was that the local market last week was cheaper than that in Japan. A not too active demand has encouraged competition and that has kept the market down.

Alcohol.—Fair progress with the sale of anti-freeze formulas was reported being made. The season is still young but there has been a fair amount of selling against later deliveries. The undertone of the market was steady. Demand for the industrial formulas was also reported to be picking up in keeping with normal experience in the prefall period. Pure alcohol moved in ample quantities to the liquor trade and prices on the grain spirit were especially firm.

Antipyrene.—Improvement in inquiry was noted. The market had a steadier tone and the outlook favored a gain in business as the season advanced. Prices were still well stabilized at levels preventing foreign competition.

Berberine.—The group was firmer and sulphate was maintained at the point to which it recently was advanced in price and appeared to be very firm. Bisulphate and hydrochloride held their own.

Bismuth Metal and Salts.—The position of metal appeared to be exceptionally firm. Market comment of late has been along the line that higher prices for the producers would be warranted by general conditions. Salts were firm and in very good request.

Blue Mass.—No further change in prices was reported but the situation was one of substantial strength because of the high and rising cost of raw material and the lack of normal supplies of the same. Demand for mass was steady and in normal volume.

Brucine.—Trade was not better than fair. Demand was along narrow lines that made for a restricted volume of sales. Prices seemed to be steady in the absence of any great amount of competition in local circles.

Cadmium Metal and Salts.—The market was well up to the activity in recent periods and the general undertone continued to be very firm. Prices were well held and the market was devoid of much in the way of competition.

Camphor.—All sellers reported steady prices and a market lacking in any signs of unsettlement. Domestic manufacturers of synthetic material reported a good interest being displayed in the article. Sales of natural camphor also held up well. With the season at hand when consumption is likely to undergo an increase, the market was declared to be on the firm side.

Castor Oil.—The oil market was steady to firm and prices were well held at all times during the past week. Total production of beans in the 1935-36 season in Brazil was about 373,000 bags of sixty kilos each. Six percent was used locally and the balance was exported. For the 1936-37 season, production was estimated likely to be between 425,000 to 500,000 bags. Stocks in Bahia June 30 last were estimated to have been about 17,000 bags. Exports of beans by countries for the first half of 1935 and 1936 were as follows:—

	Bags of 60 kilos 1935.	1936.
United States	15,314	125,940
Belgium	5,100	73,690
France	.....	30,570
Italy	3,984	13,469
Brazil (other states)	51	.....
Totals	24,449	243,669

CHICAGO, Sept. 17.—The glycerin market seems to be rather comfortable for all concerned. Inquiries for c.p. have been coming in and orders booked are rather extensive. Other grades of glycerin are in steady position. Ruling prices are:—C.p., drums, car lots, 17½c. per pound; drums, less than car lots, 18c.; cans, less than car lots, 19½c. to 20½c., according to quantity; dynamite, car lots, 17½c.; less than car lots, 18c.; soaplye, 12½c. to 13c.

Cocoa Butter.— The market was strong. Raw material has sold at advancing prices of late and except for minor reactions caused by profit taking, the trend has been upward. This has increased the production cost on cocoa butter.

Codliver Oil.—The spot market was very firm. Demand indicated thus far pointed to a consumption of sizable quantities during the active Winter season. The prices paid abroad will be a virtual guarantee that spot prices for the future will be generally on the firm side. The official figures of production of codliver oil in Norway show only 1,694,571 gallons for first half of 1936, as compared with 1,824,094 gallons in first half of 1935, and 2,252,155 gallons in first half of 1934. The 1936 decrease in quantity is explained by the lower oil content in cod livers. Practically all the steaming plants closed down during June. Medicinal oil stocks have declined to the lowest figure in twenty years. Stocks of Finnmark producers are believed to total less than 1,500 barrels but a somewhat larger quantity is still available in Lofoten. Poultry oil stocks are small and exporters find it difficult to fill all incoming orders. Industrial oil stocks were practically exhausted and several firms at the end of July declined at that time to accept further orders for this type of oil. Prices for all three oils were firm throughout June.

Corn Syrup.—The market remained very steady. Cost of raw material changed little, remaining at the high levels set some time back. Prices on syrup were well maintained and demand at the current quotations was

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners
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CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
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POWDER 1 oz. TABLETS
2½ lb. SLABS ½ oz. TABLETS
Prompt Shipment From New York Stock
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GEORGE UHE COMPANY
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HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
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Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
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said to have been very good during the past week.

Corrosive Sublimate.—Raw material was strong in position and tending higher in price because of the insufficiency of unsold stocks on this market. Prices on sublimate were not advanced further but the market was strong and the tendency was upward in sympathy with raw material.

Formaldehyde.—Consumption by the manufacturers of synthetic resins was said to be in good volume, thus supporting the position of formaldehyde and keeping prices on that article in very firm position. The market was well stabilized.

Glycerin.—New developments were lacking but the market was still firm to strong. Supplies of crude were available in somewhat larger quantities but there was definitely no surplus for the refiners and hence values on crude held up well. Refined glycerin was in good demand. Output moved promply into consumption against existing contracts but the fact that supplies have increased some was the cause of the gradual disappearance of premium prices.

CHICAGO, Sept. 17.—The castor oil business is reported holding its own in both price and volume. Shipments to the trade are reaching good volume at this time. Buyers appear willing to place considerable business at current levels. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 12¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Guaiacol.—The season in which demand will increase is not far away and the market prevailed in firm position. Stocks wherewith to meet the expanding requirements of buyers were said to be fair in size but not excessive. Prices were firm.

Menthol.—Prices for shipment have undergone a substantial decline and the result has been a drop in spot quotations to the rather easy basis of $3.20 to $3.30 per pound. The trend in primary market quotations was distinctly the opposite to that which would have prevailed had primary market information in the past revealed the actual situation. As it is, there seemed to be plenty of menthol available last week.

Mercury Ointment.—The market held firm at the advance noted in the previous trading period. Raw material price advance was unabated and that price tendency on this derivative was upward.

Mercury Oxide.—The tendency was toward continued strength in keeping with the scarcity and higher price of raw material. Demand for oxide was very good and in line with normal movement.

Quicksilver.—The market was higher at $88 to $92 per flask. The article was scarce and in strong hands. Sales were confined as much as possible to actual and regular consumers; the sellers are trying to keep the article out of speculative hands. Of interest was the confirmed report that an Italian ship is on the way with 300 flasks of Italian mined metal. About seventy-five percent was said to be sold. This is the first shipment to be made direct from Italy to this country for a number of years. Shipments from Italy carry a higher freight rate than those from Alicante, Spain. Another ship was reported to be about to make a call at Alicante and metal mey be loaded at that port.

SAN FRANCISCO, Sept. 14.—Demand for quicksilver has not been quite so brisk as in the previous two weeks, although the market did reach a point where sales were probably the highest in several years. As a rule inquiry was found to be somewhat light among local sellers of the metal last week. Prices were quoted, after sales at this figure, at $82.50 per flask in 100-flask lots, New York basis; San Francisco, 65c. per flask less.

Quinine.—Production of quinine sulphate from 1,745,000 kilos of cinchona bark, being the net imports in the Netherlands during the first half of 1936, would amount approximately to 122,150 kilos of sulphate. Exports during that period were 294,000 kilos of sulphate and other salts. Principal countries of destination were as follows:—

	Metric tons.
United States	51
Great Britain	16
Soviet Russia	93
Greece	44
Italy	39
Turkey	10
Total	253

During the first six months of this year, the Netherlands imported 2,885 metric tons of bark, comparing with 2,560 metric tons in the corresponding period in 1935. This bark came from the following sources:—

	Metric tons.
Neterlands East Indies	3,863
Bolivia, S. A.	22
Total	3,885

The local quinine market continued to be firm and well maintained by a steady demand that is expected to increase as the season advances. Prices were very firm.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces: small lots cost from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19 7/16
Monday	32⅝	44¾	19 7/16
Tuesday	32⅝	44¾	19 7/16
Wednesday	32⅝	44¾	19½
Thursday	32⅝	44¾	19 7/16
Friday	32⅝	44¾	19 7/16

Soda Citrate.—The market has become slightly less active in keeping with the usual and seasonal recession in the call as the Summer draws to a close. The market appeared to be very steady, and prices were well stabilized.

Strychnine.—Trade was routine, but about level with normal demand at this time of the year. The season when

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Genuine Imported U. S. P. FLAG BRAND All Viscosities

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FOR FURTHER INFORMATION WRITE TO:

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JOS. A. O'HARA, M. D., *President*

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AND BORIC ACID

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A Special High Grade for Use in the Manufacture of Industrial Chemicals.

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Stocks carried in principal cities of the United States and Canada

major consumption rises has passed and from now on until next Spring, conventional demand is likely to prevail. Prices were low, but they also seemed to be steady.

Sugar Coloring.—Because of a higher cost of production, manufacturing of sugar coloring report somewhat higher prices. The market last week ranged 65c. to $1.05 per gallon. Demand was steady and normal in volume.

N. W. D. A. Convention's Full Business Program

(Continued from page 5)

(a) Proprietary goods: Warner James, chairman.
(b) Legislation: C. Mahlon Kline, chairman.
Address: "New Federal Alcohol Act," Dr. James M. Doran, Administrator, Distilled Spirits Institute, Inc.
(c) Manufacturer's committee: J. S. Norton, chairman.
Address: "The Robinson-Patman Act—A Means to an End"—by James F. Hoge, of Rogers, Ramsay & Hoge, and counsel for The Proprietary Association.
Discussion, questions and answers on Robinson-Patman Law and committee reports.
New Development in Employe Education. I.—"We The People." A demonstration of film slides developed by the National Association of Manufacturers—presented by Ivan Page, special representative of that association.
New business.
Appointment of committee on thanks.
Announcements and communications.
Adjournment.

September 30

9:30 A.M.

Call to order.
Minutes of second session.
Reports of committees:
(a) Special lines: W. F. Terry, jr., chairman.
(b) Salesmen and selling methods: I. H. Bander, chairman.
(c) Credits and collections: T. O. Duff, chairman.
(d) Local associations: P. A. Hayes, chairman.
(e) Insurance: M. Alkon, chairman.
Discussion on committee reports:—
Address: "Teaching the Pharmacist the Advantages of Building the Prescription Department and its Relation to the Wholesaler," by Dr. Robert L. Swain, Baltimore.
Address: "Services and Operating Costs of Wholesale Druggists," by Prof. H. J. Ostlund, director of the N.W.D.A. statistical division. (To be read by title, with copies distributed.)
Address: "Drug Distribution as Measured by the Census of Business," by John Albright, wholesale division, Census of Business, United States Department of Commerce.
Address: "Hit and Run Advertisers," by Earle A. Meyer, executive secretary, advisory committee on advertising of the Proprietary Association.
New Developments in Employe Education. II.—"Flood Tide." Demonstration of film slides developed by the National Association of Manufacturers—presented by Ivan Page, special representative.
Report of Nominations committee.
Adjournment.

2:30 P.M.

Joint informal meeting wholesale druggists and maunfacturers; P. A. Hayes and J. S. Norton, presiding. (A second informal meeting of wholesalers only will be called Thursday afternoon if desired.)

October 1

9:30 A.M.

Call to order.
Minutes of third session.
Reports of committees:—
(a) Research and relations; Carl F. G. Meyer, III, chairman.
(b) Accounting and statistics: Charles D. Doerr, chairman.
(c) Manufacturers committee: J. S. Norton, chairman.
Presentation of N.W.D.A. marketing map of the United States by Kenneth Laird.
Discussion of committee reports.
Address: "Business Statistics for Wholesale Druggists," by Dr. Edward L. Lloyd, chief marketing data section, marketing research division, Bureau of Foreign and Domestic Commerce.
Address: "The Services Rendered by the Service Wholesale Drug Industry," by Prof. H. J. Ostlund, director, N.W.D.A. statistical division.
Discussion.
Reports of special committees:—
(a) Auditing.
(b) Time and place of next meeting.
(c) On president's address.
Reports of board of control:—
(a) Resolutions.
(b) Committee reports.
Election of officers.
Report of committee on thanks.
New business.
Installation of officers.
Thanks to retiring officers.
Adjournment.

Variety of Entertainment

Golf and other sports for the men and a wide variety of entertainment for the ladies have been arranged. Sunday afternoon, preceding the meeting, Mr. and Mrs. DeSales Harrison and committee will act as hosts and hostesses at a cocktail party and in the evening a concert will be held in the hotel auditorium. September 28 there will be a luncheon for the ladies, presided over by Mrs. W. J. Schieffelin, jr.; a bridge conducted by Mrs. J. Mahlon Buck and committee, and the president's reception in the evening. September 29 there will be a luncheon presided over by Mrs. W. S. Auchincloss and committee; a men's golf tournament; a bingo party given by Mrs. Algar Cook and committee; a radio night, and a dance in the evening. September 30 there will be a golf tournament for the ladies; luncheon presided over by Mrs. Charles L. Huisking and committee; a driving and putting contest for the ladies; champion tennis matches participated in by Berkley Bell, Joe Whalen, George Lott and Bruce Barnes; a minstrel show in the evening, and Chairman Allen's "Frolics of 1936" late at night. The annual banquet will be held the evening of October 1.

Drug Exposition Committee Appoints Advisory Group

The Brooklyn and Long Island drug trades exposition committee has appointed the following honorary advisory committee for the exposition to be held in the St. George Hotel, Brooklyn, October 14 and 15, under the sponsorship of the Long Island Drug Salesmen Association:—William J. Schieffelin, jr., president of Schieffelin & Co.; C. H. Palmer, president of E. R. Squibb & Sons; Frank Blair, vice-president of the Centaur Company, and president of the Proprietary Association; Percy C. Magnus, president of Magnus, Mabee & Reynard, and president of the New York Board of Trade; Dr. John Dandreau, dean of the St. John University School of Pharmacy; James Carrigan, vice-president of Merck & Co.; and Dr. William C. Anderson, dean of the Brooklyn College of Pharmacy. C. J. Duff, chairman of the exposition committee, announced that the above committee would meet with the exposition committee to formulate plans for new and unusual features.

Drug Plant Maps for Pharmacy Week Display

A new edition of the N.W.D.A. medicinal plant map of the United States has been lithographed, and the association is again telling its members and others how well adapted this map is for use in drug-store window displays during Pharmacy Week.

The National Wholesale Druggists Association has spent more than $9,000 on its medicinal plant map. The new edition is of 10,000 copies. Retailers and others who cannot get a map from their wholesaler will be supplied direct from the association's headquarters, 330 West Forty-second street, this city, upon remittance of 50 cents for each copy desired.

John Brown, governing director of Brown & Forth, Ltd., manufacturer of preparations for the textile and leather industries and merchants in chemicals and related materials, London, England, expects to be in the United States from September 28. He will be at the Plaza hotel, this city.

DOW SALICYLATES

Salicylic Acid, U.S.P. . . Acetyl Salicylic Acid, U.S.P. (Aspirin) . . Salol, U.S.P. . . Ammonium Salicylate, U.S.P. . . Sodium and Strontium Salicylates, U.S.P. . . Magnesium Salicylate and Methyl Salicylate, U.S.P.

Even to estimate the number of thousands who daily find thankful relief from their sufferings through Dow Salicylates would be exceedingly difficult, if not impossible.

That they do number thousands is, of course, obvious for Dow is a principal American producer of Salicylic Acid and its related products.

Yet, despite the large part Dow plays in the lives of millions, it remains unknown to them. As they step to the counter with prescriptions or for a prepared product they place their faith in the druggist or the name attached to the product of their choice.

But, to Dow, the reverse is, and always has been, true. Although Dow remains unknown to these millions of ultimate users, they are very important to Dow. They are our customer's customers which, after all, is the same as saying they are ours.

Thus, in its production of Salicylates—in working for that high point of purity that has given Dow the preference it enjoys—the satisfaction and benefit of the ultimate user is Dow's prime consideration.

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Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

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Matches

(Continued from September 14 issue)

Ignition-Improvers for Matchheads

Ammonium chlorate
Benzene
Benzoyl peroxide
Bichromates
Calcium plumbate
Chlorates
Copper nitrate
Ethyl alcohol
Lead dioxide
Lead superoxide
Manganese dioxide
Nitrates
Oxygen-carriers
Potassium bichromate
Potassium chlorate
Suboxides

Ingredients for Repeatedly Ignitible Matches

Acacia, powdered
Acetylcellulose in acetone
Antimony sulphide, black
Benzoyl peroxide
Black antimony sulphide
Formaldehyde
Glass, powdered
Hexachloroethane
Metaldehyde
Nitrocellulose in acetone
Phosphorus, amorphous
Sandarac
Sodium hydrocarbonate
Sodium hypochlorite
Paraformaldehyde
Potassium chlorate
Potato starch
Sodium silicate coating
Sulphur

Ingredients for Self-Lighting Tips on Cigarets

(Special friction surface is composed of acacia, powdered emery, red phosphorus, litharge, and a soluble gum)
(Acacia in aqueous solution to form hollow, reinforced end in which is a matchhead composition)
Copper acetate
Emery, powdered
Manganese dioxide
Potassium chlorate
Potassium nitrate
Potassium permanganate
Phosphorus sesquisulphide
Pumice
Silicon dioxide
Wood charcoal

Ingredients for Safety Matches

Acacia
Antimony sulphide, black
Diatomaceous earth
Glue
Ground glass
Iron oxide
Infusorial earth
Manganese oxide
Paraffin
Phosphorus, amorphous
Potassium bichromate
Potassium chlorate
Red lead
Sulphur
(In safety matches the phosphorus is put on the box or surface to be rubbed while the sulphur and potassium chlorate are put on the match)

Ingredients for Safety Match Scratch Surfaces

Abrasives
Acetylcellulose in solution
Antimony pentasulphide
Antimony trisulphide
Bromates
Cellulose acetate and amorphous phosphorus in dimethyl ketone
Chlorates
Copper nitrate
Gypsum
Lead superoxide
Nitrocellulose in acetone
Oxides or other salts of copper, iron, or lead
Peroxides
Perchlorates
Phosphorus, amorphous
Potassium perchlorate
Rosin
Shellac
Stearic acid
Sodium chlorate
Substances liberating oxygen

Ingredients for Strike-Anywhere Matchheads

Asbestos powder
Glue
Ground glass
Plaster of paris
Paraffin wax
Potassium chlorate
Sesquisulphide of phosphorus
Wood
Zinc oxide

Moistureproofing Reagents for Matches

Addition of readily soluble metal salts the positive ion of which is the same as the positive ion of the chlorate of the composition
Addition of a readily soluble salt such as a nitrate
Cellulose acetate in dimethyl ketone
Cellulose or cellulose derivatives in acetone
Celluloid in dimethyl ketone
Celluloid waste in alcohol and benzene
Copal solutions
Film scrap in alcohol and benzene
Glue plus formaldehyde and hexamethylenetetramine
Increase amount of bichromate used
Nitrocellulose in acetone
Nitrocellulose in dimethyl ketone
Paraffin
Polyhydric alcohol, polybasic acid, or phenol-aldehyde synthetic resin
Resins in solution
Rosin in solution
Shellac
Sodium silicate
Stearic acid
Varnish compositions

Protective Agents for Matchheads

Alkali-earth oxalates
Aluminum oxalate
Magnesium oxalate
Strontium oxalate

Raw Materials for Nonphosphorus Matches

Antimony sulphide
Arsenic nitrate
Arsenic sulphide
Calcium sulphate
Copper thiocyanite
Copper thiosulphate
Glass
Glue
Potassium chlorate
Sulphur

Raw Materials for Wax Match Sticks

Carnauba wax
Copal
Cotton
Dammar
Gums
Paraffin
Stearin

Treatment of Match Sticks Before Bulb Dipping

Heat wood to ignition temperature on the end to be treated
Dip end of wood in liquid heated to about ignition temperature for wood
Dip wood in molten metal to about the ignition temperature of wood
Dip wood in paraffin
Subject wood to direct stream of hot air

Woods Used for Match Sticks

Aspen
Pine

Isinglass

Adulterant in Isinglass

Gelatin

Bleaching Agents for Isinglass

Albone
Alkali hypochlorites
Ammonium persulphate
Barium peroxide
Benzoyl peroxide
Blankit
Bleaching powder
Bromobenzoyl chloride
Calcium hypochlorite
Calcium peroxide
Caproyl peroxide
Chlorine
Dioxogen
Hydrogen peroxide
HTH
Oleyl chloride
Oxone
Ozone
Perborax
Perborin
Phthalyl chloride
Potassium persulphate
Sodium hypochlorite
Sodium perborate
Sodium peroxide
Sodium persulphate
Sodium sulphite
Sodium tetraborate
Sodium thiosulphate
Solozone
Succinyl peroxide
Sulphurous acid
Valceryl peroxide

Solvents for Isinglass

Acetic acid
Acids, weak
Alkalies, weak
Aqua ammonia
Calcium hydroxide
Formic acid
Hydrochloric acid
Mineral acids
Nitric acid
Potassium hydroxide
Sodium hydroxide
Sulphuric acid

Sources of Isinglass

Air bladder of fishes, especially catfish, carp, cod, hake, sheathfish, sturgeon
Scales of shad and herring (first freed from their silvery coating)

Substitutes for Isinglass

Agar
Chinese isinglass
Gelatin
Ichthyocolle francaise (from blood fibrin)
Isinglassine (gelatinous material from calves' feet and other sources)
Irish moss
Vegetable glue

HEADQUARTERS
for
MILLED BOTANICALS
GRANULATED, POWDERED, CUT AND SIFTED
For Medicinal and Technical Use

THROUGH THE EQUIPMENT IN OUR NEW JERSEY, NORTH CAROLINA AND CHICAGO PLANTS, WE OFFER THE MOST COMPLETE MILLING FACILITIES IN EXISTANCE. THE DIVERSITY OF OUR EQUIPMENT ENABLES US TO PROVIDE ANY TYPE OF MILLING REQUIRED. :: :: :: :: ::

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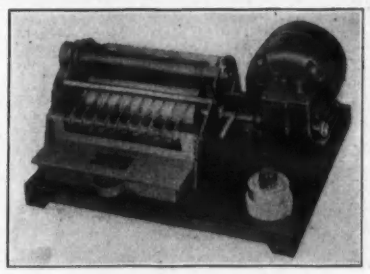
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Scientific Filter Company Introduces Label Paster

The Scientific Filter Company, this city, reports its entry into the label pasting field with an entirely new type of machine called the "Whirlwind Electric Label Paster." The machine, pictured herewith, is given by means of a quiet, geared head motor, eliminating belts and pulleys. The company states that a novel feature of this new type of paster is the scraper knife which requires no adjustment and yet automatically provides the proper amount of glue at all times. The glue is applied to the label in light narrow strips, thus reducing the amount of glue consumed to a minimum. The labels have no tendency to curl and therefore are easily and quickly applied. The machine also will operate on extra light bodied glues, and will handle all types of paper labels, light cardboard and some types of cloth. The entire machine can be dismantled quickly for cleaning, the glue and feed rollers being removed through grooves in the end plates in which they are mounted.



Devoe & Raynolds Sales Up 17 Percent Over Last Year

Devoe & Raynolds reports that sales for the first nine months of the fiscal year ending November 30 showed an increase of $1,187,566, or 17 percent over the corresponding period of the previous year. Profits for the period, it was stated, showed every indication of being substantially in excess of the profits for the first nine months of 1935. The management expected that the sales during the last quarter of the fiscal year will continue to reflect the general increase.

Pfizer Baseballers Rewin Championship

Because of a protested game the final baseball match for leadership in division B of the Brooklyn Industrial League had to be replayed September 17. A week ago the Charles Pfizer & Co. club won from Frederick Loeser & Co. by a score of 14 to 3. The Martinson Coffee Company had protested an earlier game with Loeser and was sustained. The game was replayed and Martinson won.

This made it necessary for the Pfizer team to play a game for the division pennant. The game was played September 17, and Pfizer won, 4 to 0, pitcher Boss allowing but two hits. As soon as the three-way tie in division A has been played off, the Pfizer team will play the winner for the championship of the league.

'Windfall' Tax Return Filing Time Extended

WASHINGTON, Sept. 15, 1936.

The Bureau of Internal Revenue has extended until December 15 the time for filing returns and paying the tax under the so-called "unjust enrichment" or "windfall" tax provision of the revenue act of 1936. The reason given is that the bureau has not been able to prepare the schedules on which returns are to be filed.

Trade News Briefs

Oil Trades Association of New York will hold its annual sports outing September 22 at the Pelham Country Club, Pelham Manor.

George F. Deegan, of the vegetable oil department of W. R. Grace & Co., this city, returned September 8 from a vacation in the Adirondack Mountains.

Archer-Daniels-Midland Company and subsidiaries, report for the fiscal year ended June 30, net profit of $1,891,612, after depreciation and Federal taxes, equivalent, after preferred dividend requirements, to $3.04 a share on 549,546 no-par shares of common stock. This compares with $2,525,745 or $4.20 a share on 548,458 common shares in the preceding year.

Botanical Drugs, Gums

Kamala Advance Caused by Higher Quality Standards—Vanilla Beans in Sharp Rise — Spanish Saffron Shaded Here —Spot and New Crop Lycopodium Down

Sales were active and in good sized volume in the market for botanical drugs during the past week. The call came in along fairly broad lines and totaled sufficient business to bring transactions to a basis comparing satisfactorily with the normal expectations of the botanical drug trade. The undertone of the market was firm and numerous medicinal items sold at higher price levels. Activity in numerous seeds and certain spices was evidence that the requirements of picklers were expanding in keeping with the season of the year. Manufacturers of condiments were operating at increased volume and consumption of raw materials was gaining steadily. In practically all ways, the botanical market was in good position.

One item was outstanding because quality standards have so changed that foreign shippers in primary markets may find it difficult to supply the higher quality goods without also advancing prices severely. This was kamala. It is an N. F. item now and importers felt the supply of N. F. material would be comparatively small.

Gention root was higher because of the Spanish situation, but Spanish saffron was shaded despite the civil war in the supplying country. Vanilla beans were up sharply in an active market. Dandelion root was higher and serpentaria, as well as spikenard roots also brought more money. Arnica flowers were strong and tending upward.

Lower prices on new crop lycopodium were reflected locally by a drop in quotations. Dragon's blood reeds were also lower, the first change in many months. Damiana leaves and imported angelica root sold at declines.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption were:—

	Bags— Detained.	Entered.
Anise	1,737	2,596
Caraway	4,333	5,533
Cardamom (cases)	150	1,702
Celery	95	2,308
Coriander	2,846	12,783
Cumin	1,270	5,786
Dill	56	330
Fennel	370	1,351
Mustard	...	12,588
Poppy	...	16,738
Sage leaves (bales)	52	261
Sesame	171	179,723
Thyme herb (bales)	174	852
Totals	11,254	242,551

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Russian, ½c. per lb.
Cottonroot bark, 1c. per lb.
Dandelion root, 1c. per lb.
Fennel seed, German, small, 1c. per lb.
Gentian root, whole, ½c. per lb.
Grains of paradise, ¼c. per lb.
Kamala, 1c. per lb.
Kola nuts, ½c. per lb.
Pariera brava, 3c. per lb.
Pepper, red, birdseye, old crop, 1¼d. per lb.
Japanese, 1¼c. per lb.
Mombassa, ½c. per lb.
Serpentaria root, 2c. per lb.
Spikenard root, 2c. per lb.
Sunflower seed, Hungarian, ¾c. per lb.
Vanilla beans, Bourbon, 25c. per lb.
Mexican, whole, 25c. per lb.
cuts, 25c. per lb.
South American, 25c. per lb.

Reduced

Angelica root, imported, natural, 10c. per lb.
Calendula flowers, 1c. per lb.
Coriander seed, Morocco, ¼c. per lb.
Damiana leaves, 1c. per lb.
Dragon's blood reeds, 5c. per lb.
Henbane leaves, 1c. per lb.
Lycopodium, 45c. per lb.
Marjoram, French, ¼c. per lb.
Tunisan, ¼c. per lb.
Saffron, Spanish, $1 per lb.
Senna leaves, T.N. No. 1, ½c. per lb.
No. 2, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
115.7	119.1	112.8	90.7

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Fir.—Routine request prevailed. The fact that primary market prices have held up well has been behind the maintenance of spot quotations on an exceptionally steady basis for some time past.

Peru.—The recently firmer market on spot continued and with a steady to fair demand prevailing at all times, the situation was one of substantial firmness most of the time during the past week.

Barks

Black Haw.—Reports from the country said that collections had not been overly abundant and that the outlook was for a season of prices that would be at least very firm, and which possibly might prevail at levels higher than those recently in effect.

Cascara Sagrada.—Nothing from the primary market, nor in the spot market for that matter, has countered against the conditions that produced higher costs in the Pacific Northwest. No overabundance of supplies exist and local dealers believed that values would remain very firm.

Cinchona.—Java bark was very firm under the control exercised by the Dutch authorities in charge. Some concern was felt regarding what may be the price future of bark from South America. There is reason to believe that the Dutch are seeking to control prices for the South American product. The South American article some time back had been available on spot at 16c. per pound. Then came reports of higher replacement cost on goods certain to be passed by the Department of Agriculture. The result was a local market around 25c. to 30c. per pound. Then came confirmed reports of South America offering shipment bark at a price permitting highly profitable sale on this market at 17c. per pound. The spot price on South American bark ranged 17c. to 35c. per pound according to seller and test, both ends of the range applying on bark testing at least 5 percent alkaloid.

Sassafras.—Undertones were very firm. Country prices were strongly maintained and supplies of good quality select bark were not too plentiful. The outlook was for a firm to stronger market during the consuming season ahead.

Wahoo.—Undertones were very firm. Root bark was mentioned especially, reports indicating strong prices to prevail at the source at the higher levels recently set up. Many suppliers in the past have offered nothing for a number of weeks. Local conditions showed strength and the tendency of prices was upward.

Beans

Calabar.—The market was inactive most of the time last week. However, sellers reported prices to be steady and strictly in line with the first cost of stocks current in moderate volume on spot at this time.

Vanilla.—Prices were higher. Bourbons stood at $3.25 to $3.75 per pound, according to quality; Mexican, whole, $3.25 to $4.50 as to quality; Mexican cuts, $3 to $3.25; South American, $3 to $3.25. These higher levels were backed by substantial demand for prompt delivery material. Stocks of good to excellent quality beans were not large. Foreign market conditions were fully as much improved as those on spot.

Berries

Juniper.—Stability seemed to be the most promient characteristic of the market and prices for this item. The steady consumption and the absence of much competition have kept values generally firm.

Sloe.—Not much has been said regarding the new crop of Russian berries, but so far as the developments in spot prices have been concerned, it appeared likely that replacement costs would hold firm this year. Spot prices were very steady last week.

Flowers

Arnica.—The market was strong and some prominent sellers declared that in all probability the cost to obtain suitable quality flowers in Europe would force a higher level of spot prices in the not far distant future.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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PHYSIOLOGICALLY TESTED CHEMICALLY TESTED
CRUDE DRUGS
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PHYSIOLOGICALLY OR CHEMICALLY TESTED
SHOWING HIGH ACTIVITY
Aconite Root, Asafoetida Gum, Cinchona Bark, Cannabis American, Digitalis Leaves, Ergot Spanish, Goldenseal Root, Henbane Leaves, Myrrh Gum, Nux Vomica, Sandalwood, Squill Root, Stramonium Leaves, Strophanthus Seed, Valerian Root
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VANILLA BEANS
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Gums
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
PAUL A. DUNKEL & COMPANY INC.
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A standardized and clarified pyrethrum extract. Write to us today for further information.
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CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.
TRADE Brown Dolly MARK

Calendula.—The market sagged again to the basis of 60c. to 65c. per pound, this development coming under competition that seemed to be more prominent in the market than it had been in the previous trading period.

Lavender.—The latest reports from Europe were to the effect that lavender flowers would make a normal crop this year, but that demand by the French makers of oil would require a large part of the crop. Hence, the stocks of flowers to be available for export were uncertain.

Rose.—Red rose petals were very firm at the recent advance and the spot market was a thoroughly well maintained affair during the past week. Pale flowers proved to be very steady. Demand was irregular.

Saffron.—The severe advance in prices on Spanish flowers cut consumption down substantially. Hence, a tendency to shade prices has developed, and the open market quotation last week was down to $18 to $22 per pound, ranging according to seller. The future shipment of goods from Spain was still highly uncertain.

Gums

Aloe.—Substantial firmness prevailed in local circles and the market as a whole was supported by a very good demand. Shortage in stocks of Cape aloe continued, of course. It will be some weeks before new crops can relieve that shortage. Curacao gum was firm at the source and on spot.

Arabic.—The market abroad was somewhat lower and the result locally was competition that actually kept local values out of line with the primary market, even considering the reduction at the source. Conditions seemed to be unsettled.

Benzoin.—Sumatra gum was very steady. The undertone had been firmer recently and that condition continued to prevail. Demand was not especially active last week, consisting mainly of orders from the smaller manufacturing consumers.

Guaiac.—Prices failed of further reduction. In place of continued unsettlement, the market took on a steadier undertone at the lower quotations established during the previous trading period. Stocks were somewhat more plentiful than they had been, but they were still far from being substantial in size.

Mastic.—The strength of the replacement cost of this item was felt on spot. Holders of the moderate local supply were very firm in their views, and the result was an almost total absence of spot competition. Demand was routine.

Sandarac.—The cost to replace was high and the unsold stocks at the source were in strong hands. Locally, the market had a very firm tone and competition was almost totally lacking. Stocks were conservative in size in local circles.

Herbs and Leaves

Damiana.—The shortage in spot stocks has been relieved somewhat and one prominent quarter offered firm on the basis of 14c. per pound last week. Others wanted upward of 16c. per pound.

Henbane.—Sales out of spot supplies were made at the slightly lower figure of 21c. per pound. The range was to 22c. as to seller and size of order. Conditions were indicative of a somewhat more competitive market.

Marjoram.—Prices eased off. French material was down to 19c. to 19½c. per pound, and herb from Tunisan was available at 18¼c. to 18¾c. per pound. There was an easier situation in the foreign markets.

Senna.—Quotations on T. V. No. 1 were reduced to 12c. to 13c. per pound and the No. 2 article was also lower at 8c. to 9c. per pound. Of late there has been a slight swing of the market into easier and somewhat more competitive position.

Stramonium.—The recent advance has been confirmed by several transactions and the market as a whole seemed to have a steadier if not actually firmer or stronger undertone.

Miscellaneous

Dragon's Blood.—Thin reeds had lacked price activity for many weeks but during the period just ended some sellers on the spot shaded to the basis of 90c. to $1 per pound and reported selling thereat under competition.

Grains of Paradise.—The market was up a thin fraction to the basis of 9c. to 10c. per pound, mainly because of the fact that buyers paid that limit on a number of transactions.

Kamala.—The stronger and higher market prevailing at the close of the previous week was still in effect. In fact, quotations rose slightly last week and the market was 30c. to 35c. per pound. Replacement costs have risen at least 25 percent. Quality standards have been set up in the National Formulary, 1936 Edition. These are:—Not more than 6 percent acid-insoluble ash, and not less than 70 percent of other non-volatile ether extractive material. Importers doubted that the primary market would be able to ship normal quantities of kamala meeting these requirements.

Kola Nuts.—Under competitive conditions, sales of this article have been made repeatedly at 6c. to 6½c. per pound, being a fractional advance over previously prevailing prices. The market was firmer in all respects.

Lycopodium.—The prospect had been, and still is for a very moderate supply of lycopodium to be made available for export from the primary markets. New crop prices, however, had been fairly attractive when compared with what had been asked for the few cases remaining unsold on the spot. Last week, some quarters brought their spot price into closer alignment with replacement costs. They quoted $1.10 to $1.15 per pound. Local stocks were very small.

Roots

Angelica.—Natural, imported angelica root was lower at 45c. to 50c. per pound. The twisted variety of imported root held unchanged at 55c. to 57c. Some sellers have been able to replace stocks at lower prices in the foreign market.

Dandelion.—Prices from Germany have been notably firm and somewhat higher of late. Last week, quotations for spot goods were advanced to 20c. to 21c. per pound and occupied a firm position under very fair demand.

Gentian.—Whole root was a fraction higher at 11½c. to 13c. per pound and uncertainty concerning the ability of dealers to secure Spanish root in the future has made them reserved. Also, inability to buy in Spain places on other countries the obligation of supplying world requirements. Such increases in prospective demand have caused all countries supplying gentian root to take a stronger and higher price position on the material.

Pariera Brava.—Prices were higher at 16c. to 17c. per pound. Some quarters raised quotations in the recent past and all others have now followed. The "why" of the advance has not been disclosed.

Serpentaria.—Replacement costs were higher and spot quotations were up to the basis of 52c. to 55c. per pound last week. Demand was fair.

Spikenard.—The market was advanced to 12c. to 15c. per pound to cover in part the somewhat higher prices which have been paid for new crop goods in the primary market.

Seeds

Anise.—Russian material was offered firm at 9½c. to 11c. per pound. Spanish material was firm at 15c. to 15½c. per pound with future stocks of the item being controlled by the ability of Spanish shippers to provide a supply despite the civil war in that country. Star seed was firm but quiet.

Celery.—No further change in prices was reported and although demand was not very active, quotations appeared to be generally firm last week.

Coriander.—Morocco seed was shaded to the basis of 5c. to 5½c. per pound in a market notably only for the fair size of jobbing demand that prevailed steadily throughout the period. Bleached seed was also steady.

Dill.—Demand was very good and kept prices well supported. Active coverage of requirements by the manufacturing picklers was behind the firm situation.

Fennel.—Small fennel seed from Germany was up somewhat at 13c. to 14c. per pound last week. Large seed was steady at unchanged prices. French type material sold at 7½c. to 8c. per pound.

Sunflower.—Only a nominal price of 5½c. to 6c. per pound was named on the poultry variety of this seed. Hungarian seed was in demand for shipment because of the very small production of sunflower seed in this country, the result of the drought and heat. Spot quotations on the Hungarian material were higher at 6¾c. to 7¼c. per pound.

Spices

Cassia.—Prices on buds came up sharply last week and sales were reported at 15c. to 15½c. per pound. Other varieties of cassia lacked quotable change but all items were in firm position. Demand was routine in most instances.

Clove.—Undertones were firm. Spot stocks were moderate. Replacement offerings were conservative and prices were firmly maintained at the sources of supply.

Paprika.—No further decline in prices was reported and in view of the Spanish situation, the future of price and supply was difficult to estimate. Hungary has an excellent crop of paprika this year and the prices are lower than that on the Spanish article.

Peppers.—Red peppers were the feature. Chillies were sharply higher in Japan and spot quotations rose to 12c. to 12½c. per pound. Birdseye pepper was also advanced to 14¼c. to 14¾c. per pound and for the Mombassa chillies, 14⅛c. to 14½c. per pound was inside. White and black peppers were rather quiet but spot prices remained about steady.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Dr. H.O. Calvery Will Head F.& D.A. Pharmacology Unit

Dr. Herbert O. Calvery, now senior pharmacologist, will become chief of the division of pharmacology of the Food and Drug Administration October 1, when the present head of that division, Dr. Erwin E. Nelson, returns to the University of Michigan.

Dr. Nelson came to the administration in January, 1935, from the University of Michigan under a leave of absence, to organize and develop a pharmacological division. He returns to that institution as professor of pharmacology.

Dr. Calvery, who holds a Ph.D. degree from the University of Illinois, was assistant professor of chemistry at the University of Louisville for a year and instructor in physiological chemistry at Johns Hopkins Medical School for two years. From 1927 until his appointment as senior pharmacologist in the Food and Drug Administration in June, 1935, he was assistant professor of physiological chemistry at the University of Michigan. He spent the academic year, 1932-33, as Guggenheim Fellow, studying at Dresden and Prague. He has published extensively in the fields of embryonic and protein metabolism and enzyme activity. Since his appointment he has been in charge of the boichemical work of the division of pharmacology.

Costa Rica Regulates Sales of Medicines

The public health authorities of Costa Rica have ruled that certificates showing that unrestricted sale is permitted in the country of origin must be furnished for proprietary medicines offered for importation and sale in that country. The requirement, according to information received by the Department of Commerce from the legation at San Jose, applies to preparations previously licensed, as well as to those newly offered.

It is understood that it is not necessary to obtain a separate certificate for each preparation. Firms having several products licensed for importation and sale in Costa Rica may meet the requirement by obtaining one certificate covering all of their preparations.

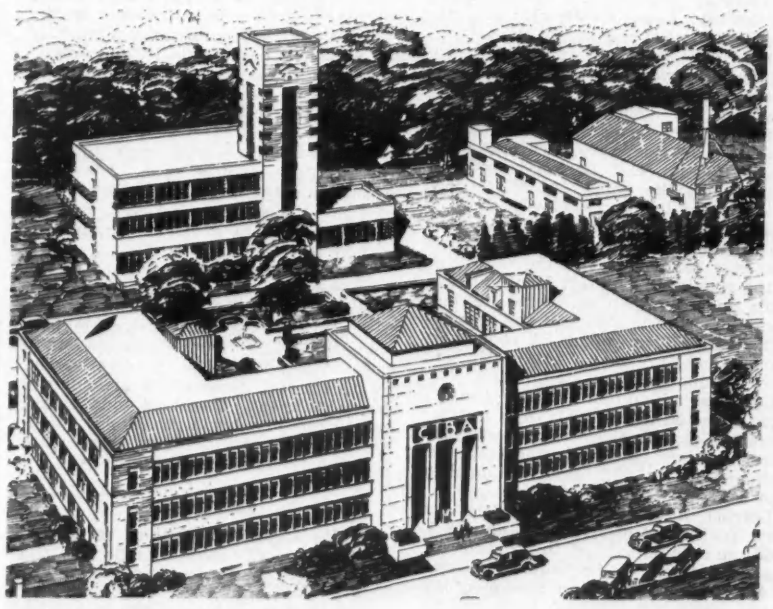
The decree establishing this requirement provides for a period of six months from July 29, 1936, within which the required certificates must be filed with the Costa Rican health authorities.

A.H.P. Units Consolidated

The Larned Company, the Manhattan Medicine Company, the Ripans Chemical Company, and the Wyeth Chemical Company of New York, subsidiaries of the American Home Products Corporation, this city, have dissolved their several corporate existences. The businesses of these units will be carried on by the Wyeth Chemical Company, an A. H. P. subsidiary incorporated in Delaware.

Ciba Company Building New Laboratories

From a modest beginning in lower Manhattan to a new modern plant on a forty-acre plot in Summit, N. J., marks the physical progress of the Ciba Company, ethical pharmaceutical manufacturer, during the last quarter century. At present the pharmaceutical division shares a large nine-story building with the dye and chemical branch of the Ciba Company. As both departments feel the need of expansion, it has been decided to transfer the pharmaceutical section to the outskirts of the metropolitan area and turn the entire present location over to the dye and chemical department.



Ciba Pharmaceutical Products, Inc., which is the name of the new corporation, has purchased the land in Summit and work on a group of five buildings at Morris avenue and Madison avenue was started August 31, to be ready for occupancy next April. A reproduction of the artist's drawing of the grouping is shown herewith.

The main building will set back from the highway about 120 feet, with wide gardens leading to the entrance. Its main facade facing the street will be 222 feet long with two wings. Behind the great rectangular columns supporting the portico the exterior wall of the building will be built of translucent glass brick which, when lighted up at night from the outside underneath the portico ceiling, will give a color effect ranging from the reflected yellow of the lights at the top to a bottle green as it gets to the bottom. Framed into this glass wall will be an aluminum doorway, the main entrance into the building. Passing through a vestibule of glass brick the visitor enters the lobby where he will get a glimpse of the informal gardens in the court through a large picture window. The Third floor will be used entirely for the main offices, while the other floors will be used for light manufacturing operations, storage and shipping. Other buildings in the group will be for the manufacture of highly technical products, cooling and other operations. H. Kamp is vice-president and manager of the pharmaceutical department of the company.

Essential Oils, Aromatic Chemicals

Cassia Cables Higher—Spearmint Shaded—Peppermint Weakness Believed to Be Temporary But Prices Drop—Rosemary and Pennyroyal Readjusted—Almond Up—Anise Stocks Small

Business in the market for essential oils showed a substantial improvement last week. Sales during the month of August had decreased, although volume had been actually very good. It appeared to be less satisfactory only in comparison with the excellent sales records established in the earlier summer months. Demand was splendid last week. The call was broad and included numerous instances in which buyers covered their requirements well ahead.

Pricewise, the market developed rather more than the usual readjustments in prices. Declines outnumbered the advances and in practically every instance were caused by changes that took place in the replacement cost of merchandise. The reductions did not, in every instance, forecast further declines. They came in materials the production of which, in some instances, has not been up to normal. Hence, the feeling was that in the instances of peppermint and spearmint, at least, the declines were not expected to be extended much further. A somewhat similar situation prevailed in imported pennyroyal and rosemary. The lowering of prices last week was done without reference to the fact that shipments from Spain have stopped and resumption of exports from that country was highly problematical. The prices had been overstimulated when shipments stopped. Last week they were placed on a basis more in line with basic conditions and current demand.

The stronger items last week were sweet true almond and cassia oils. Both were higher on the spot. Sweet almond was not offered from France because the producers cannot get almonds from Spain. Cassia was higher in China and offerings were more conservative in size at the source. The slightly improved position of lemongrass was in line with the recently somewhat firmer market in the Far East. Citronella was up, spot and replacement.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet true, 2c. per lb.
Cassia, 5c. per lb.
Citronella, Ceylon, 3c. per lb.
Lemongrass, 2c. per lb.

Reduced

Croton, 10c. per lb.
Geranium, Bourbon, 25c. per lb.
Linaloe, 10c. per lb.
Pennyroyal, imported, 10c. per lb.
Peppermint, natural, 5c. per lb.
redistilled, 10c. per lb.
Rosemary, 8c. per lb.
Sage, 10c. per lb.
Spearmint, 15c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
75.7	75.7	76.8	69.9

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—The market was strong. Stocks were very small and cannot be increased at an early date. Quotations were higher at 70c. to 72c. per pound, and applied solely on jobbing quantities. Until France can again get almonds from Spain, the lack of normal stocks will continue.

Anise.—It was virtually impossible to buy this article in drums last week, and hence prices were based on deliveries in cans. Quotations were 63c. to 65c. per pound. Dealers for some time past have been trading in drums between one another. For example, on one occasion a drum changed hands four times and the last transaction brought it back to the original seller.

Bay.—The denatured was not very active and some sellers said that the market was none too steady. However, prices held free of quotable change notwithstanding the lack of substantial trade.

Bergamot.—The market held strong, mainly because of the situation abroad, where replacement quotations were under control of a Consortium. Stocks here were firmly held. Demand was not especially active, but it was well up to the movement usual for the item at this time.

Cade.—A routine request prevailed and for the most part the market was a quiet but also steady affair. Stocks appeared to be normal in size and adequate to cover present requirements of buyers.

Camphor.—Business was very fair. The market had a fairly steady tone most of the time. The replacement prices have not changed much of late. Stocks on this market were ample.

Cassia.—Cables from the primary market came in at higher levels early last week and spot quotations were somewhat higher at 95c. to $1 per pound. This was a reversal of the recent market trend and put the article more in line with its Chinese companion—anise. Demand was very good.

Citronella.—Replacement costs continued to rise. Exchange was a factor in the situation but there was also more strength reported in Ceylon. Spot quotations were advanced to the basis of 23c. to 25c. per pound for drums and to 25c. to 28c. per pound for cans. Java oil held firm at the recent rise.

Clove.—The price advance was not extended but the market was very firm in keeping with what it costs to produce this oil from raw material at current values in the primary markets. The demand was very good and in line with normal movement to consumers.

Coriander.—A strong but not active market prevailed on the spot. Stocks were very low and dealers found it difficult, if not entirely impossible, to purchase in foreign markets more than a drum or two at a time. Consumption has been forced down by the lack of normal reserves on spot.

Croton.—The market has been reduced to $1.30 to $1.35 per pound. Trade had been light for some time past and more competition than in the recent past led to the reduction in quotations.

Cubeb.—Trade was of jobbing order and was of routine character. Production costs have been held up well by the absence of any large savings in the cost of raw material for a long time past.

Dill.—Interest in spot offerings was very good. The call was seasonal and in good sized volume. Prices were mainly attractive and encouraged prompt placing of orders for material required by the manufacturers of pickels.

Erigeron.—Because of the uncertainty concerning the future supply of this article, some dealers withdrew offerings from the spot market last week. Others sold only in small lots and oftentimes restricted sales to their regular customers. A very small production will come on the market minus any carryover worthy of the name.

Eucalyptus.—Although lacking in important developments new to this market, eucalyptus was an exceptionally firm article. Stocks were low and a subnormal production in Australia is likely to keep primary market offerings down substantially. Prices were strongly maintained.

Geranium.—Bourbon oil was down slightly to the basis of $5 to $6.75 per pound, range covering differences in quality and seller. The movement was in line with somewhat lower replacement costs in the primary market. Algerian oil held firm and the Turkish item was steady. Demand was routine but in good volume.

Ginger.—Raw material cost held high and strong. Oil was in similar position and available supplies were not too plentiful. Production costs have risen sharply and that alone was sufficient reason for the strength noted in the spot market.

Lavender.—Spike oil was very firm.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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It is made in Spain and shipments from that country have ceased since the outbreak of civil war. Flower oil was firm. The crop is likely to be normal but no surplus of supply of good to excellent quality oil will exist; there has been practically no carryover of such material abroad. Prices on the spot were very firm.

Lemon.—The market was very firm in all respects. Foreign market prices have not continued to decline and on the whole the undertone abroad was one of substantial strength. The local market reflects the situation abroad and prices were firmly maintained. California oil was in light supply and increase is hardly likely at an early date.

Lemongrass.—The market was slightly higher at 42c. to 45c. per pound and the somewhat firmer situation noted of late at the source has been continued to a moderate extent. Demand was about normal.

Lime.—Sales have been in very fair volume throughout the Summer months and the firmness that prevailed on prices continued unabated last week. Stocks were moderate. Replacement costs were firm. Mexican lime oil has been imported here for some time past; the arrivals in 1935 totaled 14,363 pounds. The item is a by-product in Mexico, fruit not sold for ordinary consumption being utilized for oil production. Mexico used approximately 38,500 boxes for this purpose. Exports of oil from Mexico to the United States from February through July this year were as follows:—

	Pounds.
February	380
March	600
April	980
May	383
June	1,790
July	1,354
Total	5,486

Linaloe.—Quotations were lower at $1.15 to $1.20 per pound. Consumption has been limited for some time past. Competing oils come from South America and some say that the production of oil has decreased in Mexico. Agents of Mexican shippers feel they could sell more oil if the primary market would supply it.

Pennyroyal.—Imported material was higher at $1.60 to $1.85 per pound, quoted over that range according to seller. The market was naturally strong because of the stoppage of exports from Spain. Demand has not changed very much. The domestic article was very firm but the advance seemed to have been overdone somewhat and prices were realigned at $1.65 to $1.75 per pound.

Peppermint.—Some of the country holders continued to seek business under competitive conditions and they shaded prices sufficiently to affect the spot market. Natural oil in local circles was down to $2.35 to $2.60 per pound while the redistilled article was priced $2.55 to $2.85 per pound. Factors with a conservative view on the market felt that the present weakness would be temporary. They believe the crop was a short one and, hence, the reduced supply alone will be sufficient to check any extended drop in the market. In the meantime, trade locally was slow.

Rosemary.—The stimulation caused by civil war in Spain has worn itself off to some extent and a clearer view on the market developed. Prominent quarters returned to a basis of firm prices at somewhat lower levels, though they were conservative as to how much oil they would sell on any given order. Technical oil was priced at 40c. to 42c. per pound and the U.S.P. quality was 40c. to 42c.

Sage.—Somewhat lessened cost of replacement goods has been reflected on spot. Quotations were reduced to $1.60 to $1.65 per pound on oil made from Dalmatian sage. Demand was very fair at the decline.

Spearmint.—Although quotations were lower, the basic position of the market was declared to be firm. The comment was that spearmint was a firmer article than peppermint, though both were declared to be basically firm because of the crop situation. Spot prices were $1.85 to $2 per pound.

Thyme.—The market was firmly maintained because of the uncertainty of getting oil from Spain. Shipments have stopped and, hence, the spot stock of oil is being husbanded. Demand was fair.

Wormseed.—Although unchanged in price, this item was said to be basically very firm. The outlook in the primary market was not entirely encouraging for the new crop and those with holdover oil have taken a conservative view as to the quantities they would sell.

Aromatic Chemicals

Acetophenone.—Trade was moderate. Sellers reported firm undertones ruling in practically all directions and they said supply was moderate. Prices were well maintained throughout the past week.

Amyl Ethers.—All the amyl ethers were very steady. Sale of acetate was well up to normal volume at firm prices. Butyrate was in quiet request, but undertones were firm. Formate and propionate were in routine request.

Ethyl Ethers.—The movement of this group was well up to the normal volume, and all prices showed stability and firmness during the past week. Stocks were not excessive in size, but the reserves were said to be sufficient.

Ethyl Cinnamate. — Somewhat more interest was displayed in the article. The call was steadier and some sellers said volume had increased. Quotations were firmer in most directions.

Ethyl Phenylacetate. — Jobbing business was reported to be the main stay of price firmness in this market. Buyers traded close to actual requirements and found competition to be moderate at all times.

Eucalyptol. — This item showed strength that was in line with the situation in raw material. The latter was in light supply at the source and on spot. The price advances at both points have been maintained. Demand for eucalyptol was very good last week.

Eugenol.—The raw material has advanced of late, creating a stronger situation on eugenol and tending to make the entire market firmer and upward in tendency. Manufacturing requirements were substantial in size.

Heliotropin. — Domestic production had an excellent sales outlet last week and prices seemed to be well stabilized. Foreign manufactured material was firm, also under good demand. Competition between the two varieties was fairly active.

Methyl Anthranilate.—The home manufacturers were able to supply practically all the domestic requirements, and their prices were held firmly to well stabilized position. Foreign made goods were available, but could not compete with the domestic item.

Methyl Benzoate.—The call was normal and steady. Buyers traded often rather than covering requirements well into the future. The undertone of the market was firm and prices were well held.

Methyl Phenylacetate.—The interest was routine. Buyers purchased on a hand-to-mouth basis and the total of transactions was not especially satisfactory. However, prices appeared to be steady.

Musk.—The lowering of duty on artificial musk has resulted in an increase in the arrivals of foreign manufactured material on this market. The domestic producers have held prices unchanged, but they have found the market more competitive than it had been. The reduced duty on imported material came at a time when the home industry was becoming stable.

Paracresyl Acetate.—The item has been gaining in favor, according to prominent suppliers. Its high yield of flowery odor serves to give a note popular with many manufacturing consumers. The market showed a firm position.

Phenylethyl Propionate. — The dried rose leaf effect produced by this article has found favor and a firming of market undertones has accompanied the somewhat larger sale of the article. Business was very good last week.

Vanillin.—Producers of vanillin from eugenol find the raw material market firmer because of the recent advance in the price on close oil. However, the vanillin makers work under contract and the ultimate effect of the advance remains to be developed. In the meantime, vanillin had a very good call at firm prices.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Obituaries

Ludolph H. Abraham

Ludolph H. Abraham, president of Mayer & Loewenstein, paint, varnish and lacquer manufacturer, Long Island City, died September 7 in his home in this city, after a brief illness. He was eighty-four years old. Born in Germany, Mr. Abraham came to America in 1867 and almost immediately entered the employ of Mayer & Loewenstein as an office boy. He rose to various positions and became a member of the firm in 1880. In 1908 the old firm was reorganized as a corporation and Mr. Abraham became its first president, holding that office to the time of his death. In all, he was connected with the firm for more than sixty-nine years.

Mrs. Josephine W. Wuppermann

Mrs. Josephine W. Wuppermann, president of the Angostura-Wuppermann Corporation, manufacturer of Angostura bitters, died September 17 in her home in Greenwich, Conn. She was eighty-four years old. Mrs. Wuppermann was born in Jersey City, daughter of Joseph W. and Eliza Hovey Hancox. Her father operated a fleet of boats on the Hudson river and later went to Venezuela to sail the Orinoco, taking his daughter with him. She met George Wuppermann in the old town of Angostura, and after their marriage they came back to this country to found the agency for the Angostura bitters. Mr. Wuppermann conducted the business until his death in 1915. Mrs. Wuppermann took over the management and was reported the world's first woman to be president of a large business corporation. She developed the business from an $85,000 concern to a $1,000,000 corporation. Until about a year ago she was at her office in this city daily every day.

George F. Hasslacher

George Frank Hasslacher, who had been assistant secretary and a director of the former Roessler & Hasslacher Chemical Company, this city, was killed in an accidental fall from his twenty-third floor office in this city, September 15. He was forty-one years old.

Mr. Hasslacher was connected with Snyder MacLaren Processes, Inc.

The son of Jacob Hasslacher, one of the founders and for many years the directing head of the Roessler & Hasslacher Chemical Company, Mr. Hasslacher became connected with the business after serving in the World War as an assistant inspector of ammunition in the army, as a member of the engineering corps, and in the Chemical Warfare Service. He spent some time with the affiliations of the company and served as a special sales representative at the main office and at several of the branches.

Mr. Hasslacher was born in this city March 4, 1896. He was graduated from Princeton in 1916. He was married, and resided in Short Hills, N. J. He left a widow, the former Esther Bates Davenport, and two sons. His mother, Mrs. Jacob Hasslacher; four sisters and a brother also survive him.

Charles M. Malott

Charles M. Malott, president of the Indianapolis Paint and Color Company, president of the A. Burdsal Company, and vice-president of the Lilly Varnish Company, Indianapolis, died in his home in that city last week after an illness of two and a half years. He was sixty-seven years old. Mr. Malott was born in Bedford, Ind., son of William P. Malott, banker. He went to Indianapolis as representative of the Glidden Varnish Company, Cleveland, after having spent some time as a varnish salesman in Louisville, Ky. He bought the Indianapolis Paint & Color Company, then a small concern, and in 1921 he and three others associated with the Glidden company bought the Lilly Varnish Company and in 1925 the Burdsal company. He was a member of the Rotary Club, Columbia Club and the Masonic order. Surviving are his wife, Mrs. Pearl Haynes Malott; a brother, Frank T. Malott, and a sister, Mrs. Attia M. Martin, both of Indianapolis.

William W. Ochse

William Wolfgang Ochse, president of the San Antonio Drug Company, whose death September 10 was noted in the REPORTER last week, was a native of San Antonio. He entered the drug business forty-five years ago as a boy washing bottles for F. W. Kalteyer & Son, predecessor of the company he headed at the time of his death. Subsequently he was employed in the accounting department, and he became manager upon the death of Mr. Kalteyer, the new firm name having been adopted by incorporation in 1892.

In 1906 Mr. Ochse went to St. Louis as sales manager for the Meyer Brothers Drug Company. He remained there until 1919, when he returned as manager of the San Antonio Drug Company. He became president of the company in 1920, and he was also vice-chairman of the board of directors at the time of his death.

Mr. Ochse was long active in the affairs of the National Wholesale Druggists' Association and a dynamic participant in the proceedings of its conventions. He founded the Fidelity Club, a drug-trade organization, in San Antonio in 1920, and he always manifested a close interest in the activities of the Texas Pharmaceutical Association, sponsoring an elaborate entertainment and merchandising feature at the recent meeting in his city.

Mr. Ochse was married while he was in St. Louis. Mrs. Ochse and two children, William Ochse, jr., and Catherine Ochse, are his survivors. His death was recognized in the San Antonio newspapers as a distinct loss to the community, and a number of civic officials joined numerous representatives of the drug trade at his funeral.

John M. LaFrance, an executive of the Texas Company, this city, died at his home in Great Neck, Long Island, September 13. He was fifty-seven years old. Mr. LaFrance was a native of Brooklyn and was associated with the Wall street firm of John W. Gates before joining the Texas Company. Surviving are two daughters, Miss Elizabeth LaFrance, Great Neck, L. I., and Mrs. George C. Gore, Mamaroneck, and a sister, Mrs. Elizabeth Kelm, Woodhaven, L. I. His wife, Mrs. Mary Whitlock LaFrance, died in June, 1934.

Thomas Jefferson Naylor, a retired painting contractor, died in his home in Maplewood, N. J., September 11. He was sixty years old. Surviving are his mother and five sisters.

Clifford M. Torrence, for many years sales manager for the Sun Oil Company in the Buffalo district, died September 14 in his home in that city. He was sixty-two years old. He retired from active business life several years ago. He was a 32d degree Mason. Surviving are his wife and two daughters.

Petroleum Solvents, Lubricants, Fuels

Solvents and Naphthas Under Slow Demand at Midcontinent Refineries—Tankcar Prices Steady—Gasoline Is Soft At Midontinent—Crude Output Higher

Petroleum solvents and naphthas are not moving out of the refineries in the gallonage that they should at this time of the year. The market's sluggishness is particularly noticeable in the Midcontinent area. Reports from Chicago and local observations indicate a mild seasonal increase in trade over the past few weeks but there is not much snap to the trading. Tankcar prices hold without shift. The soft condition of the Midcontinent gasoline market has not affected the position of the solvents and naphthas, and, the only change reported during the week was a reduction in the tankwagon price of petroleum thinner in the Buffalo, N. Y., area. Manufacturers of surface coatings seem to be purchasing other raw materials in fairly good style but the solvents are not getting the attention that should be expected at this time of the year. Rubber solvent, of course, continue to lead the market in point of consuming activity.

The liquefied petroleum gases seem comfortably settled at the recent revision of prices. There has been no shift of quotations since the revised schedules were listed here a week ago.

Scale paraffin wax seems to be marking time at unchanged prices. There is a distinct lack of interest from foreign sources and the movement into domestic outlets of consumption is not much livlier. Petrolatum holds without feature.

The Midcontinent gasoline market enters its semi-annual transition period wherein the attention of the jobbing trade is divided between the heavy burning oils for Winter use and the motor fuels which commence to lose purchasing interest.

The daily average production of crude oil in United States for the week ended September 12 was 3,020,850 barrels, an increase of 12,300 barrels over the preceding week's average of 3,008,550 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended September 12 was 3,032,750 barrels and the average at this time a year ago was 2,749,850 barrels. Daily average runs to stills were reported at 2,879,000 barrels for 81.3 percent of refinery operation, and according to the A. P. I., 216,000 barrels additional were run and unreported for an average total of 3,095,000 barrels daily, against 3,025,000 barrels in the preceding week. Crude oil stocks September 5 were 300,788,000 barrels, against 301,786,000 barrels August 20, according to the Bureau of Mines.

Solvents and Diluents

Trade in petroleum solvents and naphthas continued to register improvement at the Eastern refinery points but the demands at the Midcontinent refinery district were rather slow. The market holds free from the softened position of the gasoline market and there has been no change in the tankcar prices at the refineries. The only change reported in the tankwagon market was a reduction in the price of petroleum thinner at Buffalo, N. Y. The rubber solvents continued to move at a faster pace than other solvents and contract takings in the Akron district have been sizable this month.

Cleaners' Naphthas.—There are no new features in the market at this time. Perfunctory demands continue at the Midcontinent refineries and the quotations there continue at the long standing basis of 7⅜c. to 7½c. per gallon, basis Group 3.

Lacquer Diluents.—As reported previously, one supplier offers material testing 200-265 degrees F. at 7⅞c. per gallon in tankcars, basis Group 3. Other refiners in the Group 3 area quote the market at 8⅜c. to 8½c. per gallon. The demands of the market are moderately active.

Petroleum Thinner.—Refinery market prices for tankcar lots continue at unchanged levels. The lone change reported in the tankwagon market last week was a reduction at Buffalo, N. Y., to 12½c. per gallon net. The price at this point was formerly 14c. per gallon.

Rubber Solvents.—These materials continue as the most active movers in the group of petroleum solvents and naphthas. Deliveries into the Akron territory have been quite large this month. Quotations for light and heavy grades at the Midcontinent continue at unchanged levels.

Stoddard Solvent.—The local market has been favored with an improvement of interest on the part of the purchasers. The Midcontinent market is still quiet, however. Quotations at the refineries in the Midcontinent district continue at 6⅞c. per gallon for tankcars, basis Group 3.

V. M. & P. Naphthas.—The recent improvement in demands at the Eastern refinery points has not been followed at the Midcontinent. Reports from the Midcontinent area indicate continued slowness. Quotations in the tankcar market continue unchanged at 7⅜c. per gallon, basis Group 3.

Markets at Other Centers

Chicago, Sept. 17.—Buying of various grades of petroleum diluents and solvents is reported holding up well in the aggregate. The whole market is showing certain irregularities as between amount of interest shown various products, but there are few soft spots and the price structure is unchanged and mostly firm. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4½c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c.; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 7⅜c. to 7½c., tankcar; 16c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Sept. 17.—There appears to be little change in this market. The softness in the agsoline market has not been reflected in lower quotations but trading is somewhat slower. Shipments are also lighter.

Lighter Fractions

The market for light hydrocarbon gases passed through last week without further shift of prices. The new schedules for heptanes, octanes, hexanes and others in this division of the market seem firmly placed at the higher levels. The demands of the industrial buying trade continued routine.

Heptanes.—As reported a week ago, tank cars of 75-115 degree industrial material have been raised ½c. per gallon to 9½c., f.o.b Group 3. Drum cars continue unchanged in price. The 86-100 degree article is now 10½c. uer gallon in tank cars against previous quotations of 10c. per gallon at Group 3.

Hexanes.—Tankcar quotations for 60-70 degree industrial grade continue at 10½c. per gallon but the recent change in the schedule made the drum car price 15c. per gallon, a rise of 2c. These quotations are basic Group 3. The laboratory grade is now 19c. per gallon, in drum cars basis Group 3, against 16c. previously.

Octanes.—Tanks at Group 3 are now named at 8½c. per gallon, a rise of ½c. per gallon over the price previously in force. The change was effected along with others in the lighter fractions a week ago.

Pentanes.—The changes reported a week ago included a rise of ½c. per gallon in the tankcar price of 28-38 degree industrial material to 9½c. per gallon. Drum cars are 12½c. per gallon against 10c. formerly and the l.c.l. price is now 16c. against a price of 15c. per gallon previously. The laboratory grade is now 19c. per gallon in drum cars. All quotations are basis Group 3.

Propane.—Group 3 market quotations have been advanced to 3c. per gallon for tankcar quantities. This quotation is for material testing minus 45 to minus 40 degrees F.

Petrolatums and Waxes

White Mineral Oils.—The market did not hold its recently added activity. Last week's market was described as a slow and colorless affair. However, there is a general expectation that trade will resume a normal course toward seasonal improvement of activity. The price situation holds a fair degree of steadiness on both imported and domestic oils.

Paraffin Waxes.—There was not much action in the scale wax market last week. Locally, the price continues at 2.40c. per pound for 122-124 A.m.p. and 2.45c. per pound for 124-126 American melting point. Inquiry was light and export trading was small. Fully refined waxes continue in an unchanged position and the demands of the market are not very active. Match wax continues around 2¾c. per pound and has a stronger tendency.

CHICAGO, Sept. 17.—A firm market situation prevails in the refined wax dealings here. Prices are not only firm, but are quite strong in tone and some of the sellers say there is a good underlying foundation of demand and buyer interest, and that they are having no particular trouble in moving out supplies, with stocks not bothersome. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Sept. 17.—The stronger demand for wax continues this week and all refiners are quoting 2½c. per pound for the 124-46 American crude scale while exports are being billed at 2.6c. per pound. Inventories in the field have reached a lower mark.

Petrolatum.—There is a modest movement of tankcar and smaller quantities into channels of consumption. The week to week demand does not vary much at this time. Prices continue in a steady and unchanged position. Petrolatum inventories made from Pennsylvania crude totaled 798,727 gallons for the week ended September 10, according to the National Petroleum Association.

Fuels and Lubricants

The Eastern light refined oil market occupies a soft position at this time. There have been no changes in the quotations for gasoline made by the leading sellers in this area but as in the case of the past several weeks, 65 octane motor gasoline is shadable. The demand from the jobbing interests is not very lively. Kerosene is dull and prices are subject to shading. The retail gasoline markets in the New York and northern New Jersey areas are spotted with weak points. Heavy oils

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Sept. 19	1935 Jan. 1-Sept. 19
Commercial crude oil production	763,918,000	682,399,000
	Week ended Sept. 19, 1936	Week ended Sept. 21, 1935
Daily average production	3,009,000	2,758,000
	Week ended Sept. 12, 1936	Week ended Sept. 5, 1936
Estimated motor fuel stock total	57,918,000	58,493,000
Estimated finished motor fuel stocks in refineries	32,213,000	32,331,000

The State of the Petroleum Market

Crude oil prices in Michigan were reduced 10c. per barrel to the basis of $1.32 last week. Gasoline prices continue soft at the Midcontinent. Reductions in service station prices took place at two South Carolina points as the result of changed freight rates.

	Sept. 11	Sept. 11	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.056
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.054375	.05375
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1938	.1938	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL

Outputs and Quotas

A comparison of suggested crude oil production for September as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended September 12, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	563,000	565,450
Kansas	160,000	162,850
Texas	1,123,900	1,153,300
Louisiana	186,200	235,900
Arkansas	30,500	28,150
Eastern (not including Michigan)	107,100	113,850
Michigan	31,300	30,350
Wyoming	37,200	41,700
Montana	13,500	18,000
Colorado	4,500	5,050
New Mexico	71,600	78,350
California	535,200	587,900
Totals	2,864,000	3,020,850

hold at unchanged prices and the demands are fair.

Tankwagon Price Changes

CHARLOTTE, N. C.—Effective September 1, all former Standard Oil Co. of New Jersey operated retail service stations in Charlotte, N. C., were converted to dealer operation.

SOUTH CAROLINA.—Due to the recent reductions in freight rates instituted in South Carolina, sellers revised our gasoline and kerosene prices September 7 resulting in reductions of from 0.1c. to 0.5c. per gallon at the majority of points in that state. Prices at Spartanburg, remained unchanged and gasoline prices posted at Charleston, S. C., were not reduced. Prices for gasoline are now 20½c. at Charleston service stations and 21½c. at Columbia stations. Dollar tankwagon prices exclusive of tax, are 10c. and 11c. respectively. Kerosene is 11.1c. at Charleston and 12.1c. at Columbia, both in tankwagon.

Market Conditions

Gasoline.—The local refinery market did not vary its position from a week ago. Shading is again reported in 65 octane grade, which can be bought in certain directions at 6¾c. per gallon. The retail situation in New Jersey is softening. Tankcar quotations made by leading sellers continue unchanged, with 6¾c. per gallon named for U.S. motor, 62-63 octane; 7c. per gallon for U.S. motor, 65 octane, and 7.5c. per gallon for branded qualities. All of these quotations are basis refinery. The soft condition of the Midcontinent market, the softening position of local retail markets, lighter consumption and heavy stocks combine in giving the market a negative outlook but so far there has been no indication of the possibility of lower prices. The Gulf export market is said to be very quiet these days and the inquiries from abroad are few and far between. The prices for export at the U.S. Gulf continue unchanged as follows:—U.S. Motor, 5¼c. per gallon; 60-62, 390 e.p., 5⅜c. to 5½c. per gallon; 60-62, 400 c.p., 5⅜c. per gallon, and 64-66, 375 e.p., 5½c. per gallon.

Kerosene.—The tankcar market here continues rather soft. Leading sellers continue to quote the 41-43 water white product at 4⅝c. per gallon, basis refinery, but there is competitive selling reported at fractionally lower levels. The demands continue within limits. The export market at the U.S. Gulf was quiet and unchanged last week, with quotations at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—There was a fair demand for C grade bunker oil last week and the price continued at the recently established figure of $1.10 per barrel, f.o.b. terminal points. The Diesel oil market was free from disturbance and the movement into consumption was routine. The price continues at the long standing basis of $1.65 per barrel, also basis terminals.

Lubricating Oils.—Holders of neutrals in the Pennsylvania are not anxious sellers and some tightness has developed, with the result that several buyers went to the Midcontinent for supplies last week. There has been no change in the postings of Pennsylvania neutrals, but the trade looks for a higher market this week. Bright stocks are stronger although unchanged in price.

Crude Oil Price Changes

Michigan

The posted price of crude oil at Midland, Mich., was reduced 10c. per barrel to $1.32 by the Pure Oil Company. The reduction was made on September 17.

Markets at Other Centers

Tulsa, Sept. 18.—Approach to the beginning of the Winter demand for burning oils this week presented a contrast to the termination of the period of large demand for gasoline. Neither periods of consumption, however, are yet well defined at this time of the year and for this reason the transition period which gives buyers of motor fuel the commanding position in the market still prevails and in the meantime sellers of burning oils are withholding supplies from the market.

In every trade of gasoline that is made in the spot market there is a tendency by the buyers to seek a further concession, which is creating a highly competitive situation in offerings. Buyers are helped somewhat by the prevalence of a large inventory brought about by the continuance of large refinery runs which renders their efforts to depress prices more effectual. Consequently there is considerable softness in motor fuels. However, the position of natural gasolines sprung another surprise in the market this week. The basic grade of 26-70 was raised ½c. per gallon. A 50-car order placed in the Texas market caused the advance and from there a few small trades in Oklahoma also were made at the higher prices.

Because of the softness of the motor fuel market, there is considerable concern as to the netback to the plants. The decline in quotations combined with the lowering quotations of kerosene has materially reduced the returns from a barrel of crude oil during the past month. The existence of the large gasoline storage has been another factor which is causing the more widespread discussion of curtailing refinery operations throughout the Midcontinent fields.

Following is a list of prices of refined products prevailing in the Midcontinent spot market based on Group 3.

GASOLINE (refinery).—The U.S. motor and the 400 end point grades are generally quoted at 4⅜c., although considerable trading is reported to have been effected at 4¼c. in the resale market. The higher grades with octane ratings have been softer this week and the important reductions in prices have come in the upper brackets. The 63-67 octane ranges from 4⅝c. to 4¾c. per gallon, also in the resale market, while the 68-70 octane has been reduced to 5c. and the 70 grade is available at 5¼c. per gallon.

GASOLINE (natural).—The 26-70 grade is quoted at 4½c. in Texas and 4⅜c. in Oklahoma. The Texas market is considerably more active than Oklahoma and there the 18-pound grade is quoted 4⅞c. to 5c., while the 22-pound is 4½c.

KEROSENE.—Quotations remain at 2⅞c. for 41-43, while the 42-44 is quoted at 3c. both in the resale market. In the contract market which is also more active quotations range from 4⅛c. to 4⅜c. per gallon.

DISTILLATES.—Firmness prevails in all grades this week and buyers report difficulty in finding supplies. All refiners are holding their production for later delivery and many are refusing to quote. Prices therefore are nominal. While resale prices are unchanged at 2¾c. to 2⅞c. for No. 2 and No. 3, straw 32-36 degrees grade, the dark is not available at lower prices. The No. 3 grades are likewise strong at about the same quotations. Contract prices are 18c. per gallon higher while the 38-40 grades are 3¼c.

FUEL OIL.—This market continues in a better position but prices this week are unchanged with 6 to 12 degree material quoted from 55c. upward depending upon the cold tests and viscosities. The higher grades are quoted from 77½c. to $1.05 per barrel for the 24-28 degree grade.

Chicago, Sept. 17.—Following recent recessions of the tankcar gasoline market, a steadier tone has developed and at this time sellers seem to be feeling slightly better over the outlook than was the case a few days ago. Offerings have decreased a little and the reports from the Midcontinent indicate that refiners are cutting back their scale of operations and that interstate oil compact state authorities also are planning early reductions in their allowable crude output figures. Kerosene is a little more active at this time, although prices are not much changed as yet. A healthier tone is beginning to make itself felt in the heating oils, especially gas oil grades. Heavy industrial gas oils and fuel oils are in good call. The lubricating oil demand is holding up well.

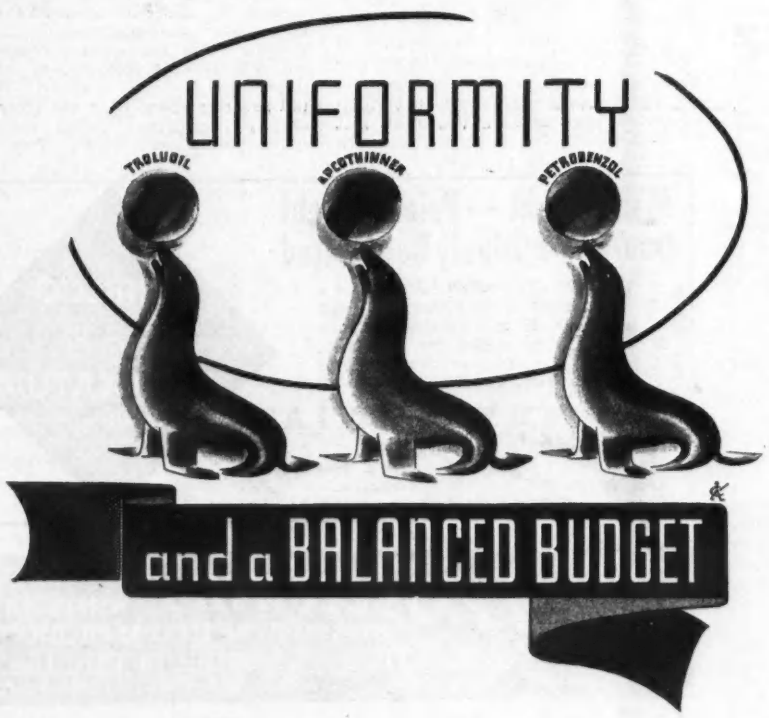
GASOLINE.—Low octane motor, 4½c. to 4¾c. per gallon; middle octane motor, 5c. to 5¼c.; high octane motor, 5½c. to 5¾c.; 60-62, 400, 4⅝c. to 4¾c.; 64-66, 375, 4¾c. to 4⅞c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 3¼c. to 3½c. per gallon; 41-43, water white, 3c. to 3¼c.

New Orleans, Sept. 15.—The domestic market reflected a slight drop in U. S. motor gasoline quotations during the past week. Foreign inquiries and exports were reported as good. U. S. motor gasoline was quoted at 5⅞c. per gallon at refinery. U. S. motor below 62 octane was quoted at 5⅞c.; 63-67 octane at 6⅜c. and 68-70 at 6⅞c.—all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene quotations showed a slight increase over the previous week, the current price being 6½c. per gallon at refinery.

Good demand continued on Bunker C fuel at a price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants continued to be quoted on a basis of $1.36 per barrel, delivered.



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Fertilizer Materials

Organic Ammoniates Return to Background — Chilean Nitrate Prices Named for Forward Position—Superphosphate Prices Appear in Southeastern Area—Tag Sales Up

Organic ammoniates have lost their market prominence of recent weeks and because of the lack of marketable supplies, there is little doing in those commodities at this time. The few transactions reported were priced at or near the high levels established in the heavy trading of the past few weeks. Nitrate of soda and superphosphate came into the market foreground last week. Prices to Southeastern buyers of the latter article finally reached the trade after a delay of several weeks and the result of the keenly competitive private selling in the Southeast is a price basis that is more than two dollars per ton lower than last season's prices. Southeastern port prices are almost as low as those named in Baltimore.

Nitrate of soda prices to manufacturers and mixers in the North, South and mid-Western area were named Monday of last week for October-June delivery and are the same as those previously issued by the sellers of domestic synthetic material, or a dollar per ton over the price for September delivery. Sellers of the Chilean article have inaugurated a producer-agency marketing plan in the South.

Fertilizer tax tags sold in August were the largest for August in many years, according to the reports made to the National Fertilizer Association. Sales in the twelve Southern states accounted for the equivalent of 60,622 tons or 36 percent over August last year while sales in the middle Western states accounted for the equivalent of 92,523 tons or 50 percent more than last August. Usually, August sales account for 1.2 percent of the year's total in the South and 14 percent in the midwest. The accompanying table shows August sales, a comparison for August 1934 and 1935, and, a comparative record for the January-August period.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., New York, 5c. per unit.
Nitrogenous material, import., 10c. per unit.

Reduced

Blood, import, 10c. per unit.
Bone, import, 1 and 65 per cent, $1 per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
62.9	62.9	62.9	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Effective October 1, the following prices, subject to change without notice, are effective for Chilean nitrate for delivery October-June in the New England states, New York, New Jersey, Pennsylvania, Delaware, Eastern shore of Maryland, and all middle Western states comprising district 10, including Kentucky:—Bulk, $25.80 per ton; 200-pound bags, $26.80; and 100-pound bags, $27.50 per ton. Prices are ex vessel or ex store at usual ports. In the South bulk prices are $25.50 per ton for October-June delivery, ex-vessel, at the ports. Bagged material for resale is offered on a producer-agency contract plan.

Sulphate of Ammonia.—The market was more or less quiet as interest was centered on the developments in nitrate of soda. Sulphate continues in a very firm position, particularly for prompt or nearby delivery and there is every indication that a fairly tight situation will continue over the balance of 1936. The price schedule, of course, is based at the increased level effected on September 1 and current quotations continue through November. December-June prices are to be 50c. per ton higher than the September-November quotations. A Department of Commerce report from Tokio indicates that emergency control measures were adopted to prevent price declines on the Japanese home market and that the association of sulphate sellers in Japan were prepared to purchase all floating market stocks and to place limitations on sales and prices up to the end of next month. Imports of sulphate here in July totaled 14,281 tons, of which 6,217 tons came from Canada and 4,249 tons from the Netherlands. A total of 2,953 tons came from U.S.S.R., the first import of the lots sold some weeks ago. January-July imports totaled 82,700 tons against 25,602 tons in the corresponding period of 1935, according to the Department of Commerce. Exports in the same period were 94,104 tons against 41,749 tons.

Cyanamid.—Reports from the middle West indicate a fairly active movement of goods in that sector. From all accounts, sales are about equal to the tonnage moved at this time a year ago. Prices continue in a steady position.

Castor Pomace.—There has been no further change in this commodity. Domestic sellers hold firm for $18 per ton, f. o. b. producing points. Imported material is not mentioned in the market these days and foreign suppliers are evidently sold up.

Dried Blood.—The imported article moved off last week and offerings were available at $3.50 per unit, the figure at which latest sales were made. The previous asking figure was $3.60 per unit. The New York market selling price moved up another 5c. per unit last week with a transaction at $4.20 per unit. The quoted position of the market is $4.25 per unit. Chicago continues quoted at $4.50 per unit with a possibility of doing $4.25 per unit at river points.

Fish Scrap.—There was very little trading in the market last week. Japanese sardine meal is available at $43.50 per ton for No. 1 grade, basis c. i. f. Reports from the West Coast indicate a motionless market for sardine meal there. Bookings by West Coast producers have been heavy this season but unless there is an increase over last season's production, little is expected to reach the Atlantic seaboard market. The Chesapeake menhaden market is quiet and the market's latest selling price is $3.25 and 10c. per unit-ton. Meal in Baltimore continues at $47 to $48 per ton.

Nitrogenous Material.—Latest cable quotations from abroad are 10c. higher than previously. Imported material is now asked at $2.85 per unit for shipment, basis c. i. f. The domestic market holds without change. Trading has been negotiated at equivalent at $2.50 per unit f. o. b. Mid-West producing points and the quoted market at East Coast producing points, is $2.75 to $2.85 per unit, wherever available.

Tankage.—Prices held unchanged throughout the week. The New York market has little to offer. A nominal price of $4 and 10 prevails for either ground or unground. Imported material is around $3.75 and 10c. per unit-ton.

Potashes

The sellers are still filling orders against the bookings made at the time the 12 percent discounts were available. There is very little new ordering at this time and while it is believed that the trade is fairly well booked on requirements, there is likely to be some new business placed before the end of the month when the present 5 percent discount allowance expires. The present discount of 5 percent is allowed on orders placed prior to October 1 for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from October 1 to December 31. Orders placed prior to December 1, 1936, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937, are subject to 2 percent discount.

Production of potash in France during the first six months of this year were 130,512 metric tons (basis K_2O), compared with 133,380 tons for the corresponding period of 1935, according to a report of the Department of Commerce. Output, in terms of salts, was divided as follow:—Crude, 12-16 percent K_2O, 30,662 tons against 29,360; fertilizer salts, 21 percent K_2O, 55,087 tons against 56,242; fertilizer salts, 26 percent K_2O, 32,907 tons against 31,500; fertilizer salts, 30-40 percent K_2O, 14,728 tons against 13,410; and chloride, 68,373 metric tons against 75,865 tons in the corresponding part of 1935.

Phosphates

Superphosphate prices were named to Southeastern buyers last week after a delay of several weeks. The prices named are almost as low as those in Baltimore and represent a decline of

Fertilizer Tag Sales: August

Equivalent tons*

South—	August P.C. of 1935.	August 1936.	August 1935.	August 1934.	January-August P.C. of 1935.	January-August 1936.	January-August 1935.	January-August 1934.
Virginia†	146	27,189	18,643	17,212	103	297,495	289,128	260,126
North Carolina	41	2,425	5,950	3,130	102	943,435	924,801	812,542
South Carolina	111	1,828	1,650	100	100	582,492	580,303	538,354
Georgia	449	2,122	473	283	108	656,566	605,939	534,069
Florida†	129	18,481	14,361	20,946	120	283,202	235,799	247,572
Alabama	133	600	450	550	111	462,100	415,300	352,350
Mississippi	113	340	300	1,085	114	232,733	204,915	161,441
Tennessee†	353	5,512	1,563	2,288	122	94,943	77,886	78,181
Arkansas‡	250	250	100	250	119	44,506	37,330	41,270
Louisiana†	740	1,850	250	1,950	125	93,761	74,789	57,825
Texas†	14	25	185	50	103	53,436	52,130	48,450
Oklahoma	...	.....	550	.....	81	5,005	6,214	4,685
Totals, South	136	60,622	44,475	47,844	107	3,749,674	3,504,534	3,136,865
Midwest—								
Indiana	145	56,275	38,878	38,938	132	179,820	136,512	113,510
Illinois	139	4,613	3,325	1,938	118	24,345	20,587	16,766
Kentucky	215	4,381	2,035	1,100	115	72,725	63,499	52,613
Missouri	160	24,881	15,503	12,300	142	49,701	34,954	28,363
Kansas	124	2,373	1,921	1,128	151	4,468	2,955	1,968
Totals, Midwest	150	92,523	61,662	55,404	120	331,059	258,507	213,220
Grand totals	144	153,145	106,137	103,248	108	4,080,733	3,763,041	3,350,085

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 28,250 tons of cottonseed meal for January-August combined, but no separation is available for the amount of meal used as feed.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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more than $2 per ton from last season. At the same time they are higher than the prices reported on private transactions in the Southeast during recent weeks.

Bone Materials.—The price for imported steamed bone 1 and 65-70 percent was lower last week at $24 per ton, c.i.f. This is $1 per ton cheaper than previously. Otherwise the bone list was unchanged and seemingly firm. The domestic 4½ and 50 raw bone at Atlantic ports was quite firm at $28.50 per ton.

Superphosphate.—Suppliers to Southeastern buyers named prices last week at $8 per ton at ports and a basic price at interior points of $8.50 per ton. This compares with nominal figures in Baltimore of $7.50 per ton for run of pile and $8 per ton for guaranteed 16 percent material. The Southeastern prices compare with an interior price of last season at $10.82 per ton. Some offerings had been made at less than the quotations named last week.

Sulphur and Pyrites

The sulphur market has a promising outlook for the Fall months, according to the views of the sellers here. Trade has improved progressively during the past few weeks. Latest available export statistics are those for July, which show an export total of 36,318 tons against 70,668 tons in the preceding month. Figures for subsequent months are expected to show considerable tonnage improvement because of the pyrites situation in Spain. So far as can be learned there have been no shipments of pyrites from the Rio Tinto district in several weeks and it is reasonable to expect that foreign buyers have to turn to Italy and United States for supplies of sulphur. There was a report from abroad that the Rio Tinto mining district had been damaged by the shell-fire during the hostilities there.

Markets at Other Centers

Atlanta, Sept. 16.—Announcement of prices for superphosphate in the Southeast have been made after long hesitation, and with considerable difficulty to producers who had hoped to maintain, if not advance, prices. Instead of last season's basic price of $10.82 at interior southeast producing points, the price is only $8.50 per ton. At ports the price is $8 per ton. The lowest superphosphate prices for years is attributed to an important factor's early slash in prices.

The trade also has put out ex vessel, bulk price for nitrate of soda, for manufacturers, effective October 1, the price being $26 per ton, 50c. ton above sulphate of ammonia present prices.

While tankage and blood are going into feed in the drouth regions and are scarce and high in price, cottonseed meal is taking a downward turn and is quoted at $30 ton at interior mill points.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$8.50 ton, interior producing points.

NITRATE OF SODA.—$24.50 ton, Sept.; Oct., $26, ports.

SULPHATE OF AMMONIA.—$25.50 ton, port basis.

COTTONSEED MEAL.—Seven percent grade, $30 ton, interior mills.

NITROGENOUS.—$2.75 to $2.85 unit, port basis.

TANKAGE.—Chicago, $3.50 and 10c. per unit; foreign $3.75 and 10c., ports.

Baltimore, Sept. 7.—Trading in fertilizer materials here continues desultory in character. Some of the items on the list, especially the organic ammoniates, are very firm. The current quotations are about as follows:—

FISH SCRAP.—Additional sales of unground menhaden have been made at $3.25 and 10c. per unit-ton, at factory. The fishing has been fair, with the last week's catch better than average of 20,000,000 fish. On the other hand, the work of the steamers operating out of Delaware bay has been less encouraging. Domestic fish meal is still held at $47 to $47.50 per ton.

TANKAGE.—This ammoniate is firm at prices around $4 and 10, to $4.10 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—Current quotations are around $3.50 to $3.60 per unit c.a.f. basis Baltimore.

GARBAGE TANKAGE.—This ammoniate is scarce, with prices unchanged at $3.50 10c. and 70c. to $3.60 10c. and 70c. per unit-ton.

SULPHATE OF AMMONIA.—This market is $25.50 per ton, in bulk, for September-November delivery and $26 for December-June shipment.

POTASH.—Conditions are unchanged, with the movement about as usual at this time of the year.

BONE.—The figures named are steady at $27 per ton for spot and $28 per ton for late September shipment, on 4½ and 50 ground raw stocks, and with 3 and 50 ground steamed material at $25 to $26 per ton.

Chicago, Sept. 17.—The general fertilizer materials market seems to have turned a little irregular, considering all phases of it, although for the most part a fairly strong tone still prevails, as has been the case for some time. Offerings of organics are not very plentiful. Buying has turned a little spotty, but some buyers seem still of a mind to go ahead with a fair amount of purchase activities. Blood is fairly firmly held. The tankage business has been a bit mixed. Trade in bone materials has dropped off in some cases but is fairly active in others. Cracklings are irregular.

BLOOD.—High grade, ground and unground, $4.25 to $4.50 per unit of ammonia; unground, suitable for feeding, 10 to 12 per cent, extra good, $4.40 to $4.60; 7 to 9 per cent, $4.50 to $4.75 and 10c.

TANKAGE.—High grade, $3.50 to $3.75 and 10c.; low grade tankage, $20 to $21, Middle West; liquid stick, $2.45 to $2.55; hoof meal, $2.80 to $3.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $17 to $18; 3 and 50 percent, $19 to $20; 4½ and 50 percent, $23 to $25; grinding hoofs, pigs' toes and waste horn materials, $19 to $21; junk and hotel kitchen bones, $17 to $19; cattle jaws, skulls and knuckles, $26 to $27; pork cracklings, soft pressed, $60 to $65; beef cracklings, soft pressed, $50 to $55; hard pressed cracklings, per unit of protein, 95c. to $1.

San Francisco, Sept. 14.—Demand for organic ammoniates, such as fish meal, blood and tankage underwent a lessening in activity last week, while the volume on chemical materials continued along in good fashion, bookings being made for the coming season as well as for prompt requirements. Fish meal was not the spectacular market feature that it was a short time back, both sides of the market being inclined to hold back somewhat. Sellers have disposed of approximately 100,000 tons of meal out of the present season's production, an amount equal to all that was produced here last season. Prices in the main on most materials are steady, with tankage showing some signs of easing.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton. Bulk lots $25.50 per ton, all ex vessel San Francisco/Oakland. Prices to advance 50c. per ton after September 30.

AMMONIA PHOSPHATE.—Quoted at $36 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

(Continued on page 64)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine
CHILEAN NITRATE SALES CORPORATION
120 BROADWAY, NEW YORK, N. Y.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, NAPHTHENIC—100 dms, 50,417 lbs, Shell Eastern Petroleum Prod Co, Exminster, Constanza
TARTARIC—150 cks, 36,099 lbs, Leonhardt & Brush, Excalibur, Genoa
ALBUMEN, EGG, HEN—56 cs, T M Duche & Sons, Kwansai, Shanghai
56 cs, D L Moss & Co, Kwansai, Shanghai
140 cs, Consumers Import Co, Kwansai, Tientsin
56 cs, Bridges, Neumer & Co, Kwansai, Tientsin
112 cs, Stein, Hall Co, Kwansai, Tientsin
56 cs, Stein, Hall Co, Kwansai, Tientsin
56 cs, Stein, Hall Co, Kwansai, Kobe
56 cs, Philadelphia Natl Bank, Kwansai, Kobe
44 cs, American Cyanamid & Chem Co, Peter Maersk, Shanghai
34 cs, Bridges, Neumer & Co, Peter Maersk, Hankow
WASTE—25 bgs, Halfmoon Mfg & Trading Co, Verndam, Rotterdam
ALCOHOL, DENATURED—590 dms, C P Chem Solvent Co, Ponce, Ponce
ALTHEA ROOT—9 bls, Olympia, Leghorn
ALUMINUM POWDER—10 dms, 10 cs, Heemsoth, Pinckes & Kerner, President Harding, Hamburg
AMMONIA, CARBONATE—22 cs, American British Chem Supplies, Cameronica, Glasgow
5 cs, J Turner & Co, Carinthia, Liverpool
PHOSPHATE DI—91 bgs, 20,200 lbs, Synthetic Nitrogen Prod Corp, New York, Hamburg
AMMONIAC, SAL—12 cks, Sea Glory, Bristol
ARROWROOT—175 bbls, 200 bgs, Morningstar Nicol, Burgos, Granada
ARTISTS' MATERIAL—7 cs, Gallagher & Ascher, Veendam, Rotterdam
ASPHALT—2,032 cakes, Stuttgart, Bremen
340 bgs, A V Berner & Co, Seatrain Havana, Havana
MINERAL—310 bgs, Central Comml Co, Seatrain Havana, Havana
BALSAM—20 cs, Dodge & Olcott Co, Pastores, Cristobal
BARIUM HYDRATE—27 cks, 5 tons, 17 cwt, 3 lbs, Carinthia, Liverpool
BARYTES—200 bgs, Philipp Bros, Stuttgart, Bremen
600 bgs, Whittaker, Clark & Daniels, Stuttgart, Bremen
BAY RUM—62 dms, Bornn Distilling Co, Manuela, San Juan
BERRIES, MEDICINAL—2 bgs, R D Hines, New York, Hamburg
BISMUTH REF'D—150 cs, Cerro De Pasco Copper Corp, Cumbal, Callao
BLEACHING POWDER—305 dms, H H Rosenthal Co, Kwansai, Osaka
BRISTLES—11 cs, F W Von Stade, Peter Maersk, Kobe
55 cs, Melchers, Inc, Peter Maersk, Kobe
55 cs, Royal Bank of Canada, Peter Maersk, Kobe
66 cs, Peter Maersk, Kobe
50 cs, A Hurst & Co, Peter Maersk, Hankow
125 cs, F H Cone & Co, Peter Maersk, Shanghai
50 cs, Public Natl Bank Trust Co, Kwansai, Shanghai
20 cs, F W Von Stade, Kwansai, Hankow
50 cs, Mitsui & Co, Kwansai, Hankow
50 cs, Corn Exchange Bank Trust Co, Kwansai, Shanghai
20 cs, Public Natl Bank, Kwansai, Shanghai
96 cs, Corn Exchange Bank Trust Co, Kwansai, Tientsin
100 cs, Guaranty Trust Co, Kwansai, Tientsin
109 cs, National City Bank, Kwansai, Tientsin
30 cs, National Bank Trust Co, Kwansai, Tientsin
138 cs, Public Natl Bank Trust Co, Kwansai, Tientsin
25 cs, Kwansai, Tientsin
50 cs, Goldman, Sachs & Co, Kwansai, Shanghai
100 cs, Royal Bank of Canada, Kwansai, Shanghai
50 cs, J Henry Schroeder Banking Corp, Kwansai, Shanghai
60 cs, Guaranty Trust Co, Kwansai, Shanghai
80 cs, Royal Bank of Canada, Kwansai, Tientsin
170 cs, Goldman, Sachs & Co, Kwansai, Tientsin
65 cs, Bank of Manhattan, Kwansai, Tientsin
120 cs, Brown Bros-Harriman Co, Kwansai, Tientsin
35 cs, J Henry Schroeder Banking Corp, Kwansai, Tientsin
120 cs, Philadelphia Natl Bank, Kwansai, Tientsin
5 cs, National City Bank, Kwansai, Tientsin
12 cs, A Hurst & Co, New York, Hamburg
18 cs, Draeger Shipping Co, Pilsudski, Gdynia
3 cs, Huth & Co, Britannic, London
45 cs, Corn Exchange Bank Trust Co, Britannic, London
48 cs, Britannic, London
3 cs, M Broverman & Son, Washington, Hamburg
BRONZE POWDER—8 cs, Heemsoth, Pinckes & Kerner, President Harding, Hamburg
BURGUNDY PITCH—40 stands, 5,412 lbs, S B Penick & Co, Nordlys, Hamburg
CALCIUM, METALLIC—8 cs, Charles Hardy, Cypria, Marseilles
CAMPHOR, REF'D—50 cs, Kwansai, Kobe
CANARY SEED—100 bgs, Levy & Levis Co, Exminster, Casablanca
500 bgs, A G Dunn, Exminster, Casablanca
350 bgs, A G Dunn, Cypria, Casablanca
CARAWAY SEED—100 bgs, 11,000 lbs, Levy & Levis Co, Black Tern, Rotterdam
350 bgs, 38,500 lbs, Catz American Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, Knickerbocked Mills Co, Veendam, Rotterdam
150 bgs, 16,500 lbs, L Gronowitz, Veendam, Rotterdam
150 bgs, 16,500 lbs, I Grob & Co, Veendam, Rotterdam
50 bgs, 5,500 lbs, Van Loan & Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Veendam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Veendam, Rotterdam
CARDAMON—20 cs, Barber SS Line, Britannic, London
CASEIN—70 bgs, 11,587 lbs, D C Andrews & Co, New York, Hamburg
333 bgs, American Cyanamid & Chem Co, Normandie, Havre
833 bgs, Balfour, Guthrie & Co, Schurbek, Buenos Aires
134 bgs, American British Chem Supplies, Southern Prince, Buenos Aires
CASSIA—500 bls, B H Old Co, Peter Maersk, Canton
600 bls, Van Loan & Co, Peter Maersk, Canton
200 bls, A G Dunn, Peter Maersk, Canton
550 bls, Royal Bank of Canada, Peter Maersk, Canton
CELERY SEED—10 bgs, B Fischer & Co, Cypria, Marseilles
20 bgs, 4,444 lbs, Knickerbocker Mills Co, Excalibur, Marseilles
30 bgs, 6,666 lbs, Excalibur, Marseilles
CHALK, PRECIPITATED—100 cks, 1 bg, H J Baker & Bros, Sea Glory, Bristol
CHAMOIS—6 cs, President Harding, Havana
CHAMOMILE FLOWERS—20 bls, Pennland, Antwerp
CHEMICALS—100 cks, American Cyanamid & Chem Co, Stuttgart, Bremen
5 cans, Advance Solvents & Chem Co, Stuttgart, Bremen
20 cs, Dewey & Almy Chem Co, Nordlys, Hamburg
5 cs, Akatos, Inc, Nordlys, Hamburg
2 cs, Elmer & Amend, Nordlys, Hamburg
20 cs, P C Kuyper & Co, Europa, Bremen
2 cks, Stanley Doggett, Europa, Bremen
7 cs, Europa, Bremen
1,016 bgs, 224,862 lbs, Advance Solvents & Chem Co, New York, Hamburg
68 cs, 14,075 lbs, New York, Hamburg
4 cs, Schimmel & Co, New York, Hamburg
25 cks, 4,184 lbs, American Cyanamid & Chem Co, New York, Hamburg
24 bbls, Hummel Chem Co, New York, Hamburg
6 cs, 20 cks, New York, Hamburg
7 bbls, 1 cs, P C Kuyper Co, New York, Hamburg
160 bbls, 47,520 lbs, Hummel Chem Co, New York, Hamburg
1 cs, Sandoz Chem Co, Normandie, Havre
20 cks, Normandie, Havre
8 cs, National City Bank, Normandie, Havre
6 cs, C L Huisking Co, Normandie, Havre
4 cs, Lo Curto & Funk, Normandie, Havre
50 cks, Jungmann & Co, Black Tern, Rotterdam
1 cs, E I Du Pont de Nemours Co, Black Tern, Rotterdam
148 dms, American Cyanamid & Chem Co, Black Tern, Antwerp
900 bgs, B & O R R, Black Tern, Antwerp
5 cs, Yardley & Co, Britannic, London
825 dms, 600 bgs, Advance Solvents & Chem Co, Pennland, Antwerp
31 cks, American Cyanamid & Chem Co, Veendam, Rotterdam
67 kgs, 5 bbls, Pfaltz & Bauer, Verndam, Rotterdam
8 cks, Jungmann & Co, Veendam, Rotterdam
21 cks, General Dyestuff Corp, Veendam, Rotterdam
10 cks, Jungmann & Co, Veendam, Rotterdam
25 dms, Philipp Bros, Veendam, Rotterdam
5 cs, Veendam, Rotterdam
4 cs, Elmer & Amend, Washington, Bremen
75 cs, 1 ck, 10 cans, Washington, Bremen
20 cks, 2 cs, Pfaltz & Bauer, Washington, Bremen
CHINA, CLAY—390 bgs, Whittaker, Clark & Daniels, Sea Glory, Bristol
CINCHONA BARK—20 bls, Andean Trading Co, Antofagasta, Guayaquil
24 bls, New Orleans, Colombo
PRODUCTS—49 cs, R W Greeff & Co, Veendam, Rotterdam
CLAY—30 bgs, W Manley, New York, Hamburg
600 bgs, W Manley, President Harding, Hamburg
CLOVES—1,000 bls, 66 tons, 1 cwt, 1 qtr, 20 lbs, Chemical Bank Trust Co, Robin Goodfellow, Zanzibar
400 bls, 25 tons, 28 cwts, 1 qtr, 38 lbs, Bank of Manhattan, Robin Goodfellow, Zanzibar
550 bls, 34 tons, 46 cwts, 1 qtr, 60 lbs, Dodge & Olcott Co, Robin Goodfellow, Zanzibar
50 bls, 3 tons, 6 cwts, 8 lbs, National City Bank, Robin Goodfellow, Zanzibar
600 bls, 36 tons, 72 cwts, 96 lbs, Robin Goodfellow, Zanzibar
24 bls, Catz American Co, Glaucus, Macassar
COALTAR INTERMEDIATES—9 dms, Sandoz Chem Works, Europa, Bremen
3 cs, Europa, Bremen
3 cs, General Dyestuff Corp, New York, Hamburg
32 cks, General Aniline Works, New York, Hamburg
4 cks, 42 dms, General Aniline Works, Veendam, Rotterdam
67 cks, General Dyestuff Corp, Veendam, Rotterdam
COATING POWDER—83 bgs, Philipp Bros, New York, Hamburg
COBALT METAL—40 cks, 27,266 lbs, Central Trading Corp, Black Tern, Antwerp
COCOA BEANS—1,616 bgs, W & A Leaman, Black Tern, Rotterdam
9 bgs, Daggett Chocolate Co, Manuela, San Juan
715 bgs, Calamares, Cristobal
113 bgs, Curacao Trading Co, Ponce, Porto Plata
156 bgs, Machado & Co, Ponce, Porto Plata
COCOABUTTER—5 cs, R W Greeff & Co, Veendam, Rotterdam
COCONUTS—111 bgs, 11,100 lbs, Simons & French, Boringuen, San Juan
500 bgs, 50,000 lbs, Franklin Baker Co, Ancon, Cristobal
1,200 bgs, 120,000 lbs, I L Toledano Corp, Ancon, Cristobal
550 bgs, 55,000 lbs, E J Taub, Pastores, Kingston
427 bgs, 42,700 lbs, Universal Import & Export Co, Pastores, Kingston
1,157 bgs, 115,700 lbs, A N Leakway & Co, Pastores, Kingston
2,095 bgs, 209,500 lbs, Franklin Baker Co, Pastores, Kingston
236 bgs, 23,600 lbs, Franklin Baker Co, Manuela, San Juan
1,305 bgs, 130,500 lbs, Durkee Famous Foods, Burgos, Trinidad
100 bgs, 10,000 lbs, Durkee Famous Foods, Burgos, Grenada
282 bgs, 28,200 lbs, Durkee Famous Foods, Burgos, St Lucia
800 bgs, 80,000 lbs, Fruit Dispatch Co, Calamares, Kingston
300 bgs, 30,000 lbs, Fruit Dispatch Co, Musa, Puerto Castilla
COLORS—1 cs, Meadows, Wye & Co, New York, Hamburg
1 cs, Weiss Forwarding Co, New York, Hamburg
1 cs, A Katos, Inc, New York, Hamburg
5 cks, S H Pomerance Co, Normandie, Havre
3 cks, Stanley Doggett, Normandie, Havre
ARTISTS—2 cs, Heemsoth, Pinckes & Kerner, Europa, Bremen
DRY—40 cks, C J Osborn & Co, Veendam, Rotterdam
10 cks, Pittsburgh Plate Glass Co, Veendam, Rotterdam
EARTH—25 cks, Stanley Doggett, Black Tern, Rotterdam
70 cks, Robinson, Wagner Co, Veendam, Rotterdam
MINERAL—672 bgs, 4 cks, Robinson, Wagner Co, President Harding, Southampton
CONDURANGO BARK—117 bgs, W R Grace & Co, Cumbal, Paita
CORIANDER SEED—300 bgs, E E Marks & Co, Exminster, Casablanca
900 bgs, Van Norden & Co, Exminster, Casablanca
625 bgs, Exminster, Casablanca
125 bgs, S B Penick & Co, Cypria, Casablanca
CORK—18 bgs, Groee Pune, Olympia, Lisbon
4 bls, Blabe Cork Co, Olympia, Palamos
6 bls, G F Doherty, Olympia, Palamos
5 bls, Wehling, Cheever & Co, Olympia, Palamos
DISCS—26 bgs, Groee Pune, Olympia, Lisbon
SHAVINGS—3,053 bls, L Mundet & Sons, Cypria, Leixoes
WASTE—2,670 bls, L Mundet & Sons, Cypria, Lisbon
1,017 bls, L Mundet & Sons, Olympia, Lisbon
WOOD—2,240 bls, Brown Bros-Harriman Co, Cypria, Lisbon
260 bls, Wicander & Co, Cypria, Lisbon
500 bls, Central Hanover Bank Trust Co, Cypria, Lisbon
470 bls, Chase Natl Bank, Cypria, Lisbon
854 bls, L Mundet & Sons, Cypria, Lisbon
2,813 bls, L Mundet & Sons, Cypria, Leixoes
364 bls, Olympia, Lisbon
534 bls, L Mundet & Sons, Olympia, Lisbon
173 bls, Cork Import Co, Normandie, Havre
COTTON LINTERS—220 bls, Southern Prince, Santos
CUMIN SEED—375 bgs, Export Agencies, Exminster, Casablanca
300 bgs, P H Petry & Co, Cypria, Marseilles
87 bgs, Durkee Famous Foods, Cypria, Marseilles
87 bgs, B H Old & Co, Cypria, Marseilles
88 bgs, American Bluefriesveen, Inc, Cypria, Marseilles
77 bgs, McCormick & Co, Cypria, Marseilles
150 bgs, American Spice Mills, Cypria, Marseilles
74 bgs, I Harrison & Whitney, Cypria, Marseilles
CUTTLEFISH BONES—100 cs, American Bluefriesveen, Inc, Cypria, Marseilles
100 cs, Peek & Velsor, Cypria, Marseilles
350 cs, S B Penick & Co, Cypria, Marseilles
100 cs, Excalibur, Genoa
DEKOL—14 dms, 2 jugs, General Dyestuff Corp, Veendam, Rotterdam
DRUGS, CRUDE—36 cs, Central Hanover Bank Trust Co, Britannic, London
DYES, ALIZARIN—1 ck, E I Du Pont de Nemours Co, Carinthia, Liverpool
2 jugs, 2 cs, 17 cks, 8 dms, General Dyestuff Corp, Veendam, Rotterdam
ANILIN—33 cks, Ciba Co, Ile de France, Havre
2 cks, General Dyestuff Corp, Europa, Bremen
11 dms, Sandoz Chem Works, Europa, Bremen
10 cks, 1 cs, General Dyestuff Corp, New York, Hamburg
21 pkgs, Geigy & Co, Normandie, Havre
6 cks, Sandoz Chem Works, Normandie, Havre
103 pkgs, Ciba Co, Normandie, Havre
43 pkgs, Carbic Color & Chem Co, Normandie, Havre
2 kgs, L & R Organic Prod Co, Carinthia, Liverpool
2 kgs, E I Du Pont de Nemours Co, Carinthia, Liverpool
9 dms, 84 cks, 1 cs, General Dyestuff Corp, Veendam, Rotterdam
DYESTUFF—1 dm, E I Du Pont de Nemours Co, Peter Maersk, Kobe
EGG YOLK, HEN—168 cs, Importers' Com Co, Kwansai, Tientsin
55 cs, Bridges, Neumer & Co, Kwansai, Shanghai
113 cs, Consumers' Import Co, Kwansai, Shanghai
113 cs, Philadelphia National Bank, Kwansai, Kobe
112 cs, Irving Trust Co, Kwansai, Tientsin
112 cs, T M Duche & Sons, Kwansai, Tientsin
112 cs, Consumers' Import Co, Kwansai, Tientsin
224 cs, Stein, Hall & Co, Kwansai, Tientsin
2 cs, F Rosenthal & Co, Peter Maersk, Shanghai
ERGOT—19 dms, J L Hopkins & Co, Cypria, Leixoes
39 dms, S B Penick & Co, Cypria, Leixoes
39 dms, R J Prentiss & Co, Cypria, Leixoes
ETHYLCHLORIDE—1 cs, 143 lbs, Massce & Co, New York, Hamburg
FENUGREEK SEED—133 bgs, 33,088 lbs, Excalibur, Marseilles
FERTILIZER—Quantity, Stuttgart, Bremen
210 bgs, Stuttgart, Bremen
500,000 kilos, Armour Fertilizer Works, Nordlys, Bremen
FILTER COMPOUND—40 cs, 20 bls, H Reidenberg, New York, Hamburg
PAPER—56 bls, A Giese & Son, Cypria, Marseilles
5 cs, H Reeve Angel & Co, Britannic, London
1 cs, P H Petry & Co, Britannic, Southampton
FLEASEED—50 bgs, 6,776 lbs, R J Prentiss & Co, Excalibur, Marseilles
240 bgs, 47,575 lbs, Kachurin Drug Co, Excalibur, Marseilles
FLUORSPAR—708,600 kilos, W H Mueller & Co, New York, Hamburg
FULLER'S EARTH—600 bgs, 132,000 lbs, L A Salomon & Bros, Britannic, London
GELATIN—76 cs, 12,161 lbs, Dingelstadt & Co, New York, Hamburg
100 bgs, 20 kgs, R McLellan, Black Tern, Rotterdam
GLASS DUST—10 cs, Heemsoth, Pinckes & Kerner, President Harding, Hamburg
PLATE—98 cs, Globe Shipping Co, New York, Hamburg
1 cs, Carinthia, Liverpool
3 cs, J Marks Bros, Washington, Hamburg
2 cs, Vitrea Co, Washington, Hamburg
GLASS, SHEET—4 cs, Clay Adams Co, Washington, Hamburg
WINDOW—7 cs, P H Petry & Co, New York, Hamburg
60 cs, L Solomon & Son, President Harding, Hamburg
13 cs, Semon, Bache & Co, President Harding, Hamburg
4,637 cs, Vitrea Co, President Harding, Hamburg
77 cs, Greater N Y Glass Co, Black Tern, Antwerp
60 cs, J H Faunce, Black Tern, Antwerp
5 cs, S Cole, Black Tern, Antwerp
487 cs, Vitrea Co, Washington, Hamburg
GLUE—200 bgs, T M Duche & Sons, New York, Hamburg
40 bgs, G H Hemmel, Carinthia, Liverpool
BONE—150 bgs, New York, Hamburg
50 bgs, Pfaltz & Bauer, New York, Hamburg
5 cs, 285 bgs, International Selling Corp, Pennland, Antwerp
LIQUID—9 kgs, Dunlap Tire & Rubber Corp, Carinthia, Liverpool
GLYCERIN—50 dms, 40,519 lbs, New York, Hamburg
1 tank car, Colgate, Palmolive, Peet Co, Seatrain Havana, Havana
70 dms, 39,578 lbs, Armour Soap Works, Excalibur, Marseilles
30 dms, Southern Cross, Buenos Aires
GRAPHITE—313 bgs, Asbury Graphite Mills, Glaucus, Batavia
639 bgs, Asbury Graphite Mills, City of Tokio, Colombo
331 bgs, Bank of Manhattan, City of Tokio, Colombo
350 bgs, National City Bank, City of Tokio, Colombo
308 bgs, C E Pettinos, Markhor, Colombo
AMOSPHOUS—350 bgs, J F Starkey & Co, Kwansia, Moji
GREASE, WOOL—3 bbls, 5 cs, Pfaltz & Bauer, Stuttgart, Bremen
GUM—2 cks, C A Redden, Carinthia, Liverpool
3 bgs, 1 cs, Excalibur, Marseilles
ARABIC—50 bgs, Orbis Product Trading Co, City of Tokio, Port Sudan
250 bgs, Paul A Dunkel & Co, City of Tokio, Port Sudan
150 bgs, National Adhesive Corp, City of Tokio, Port Sudan
300 bgs, Innis, Speiden & Co, City of Tokio, Port Sudan
350 bgs, City of Tokio, Port Sudan
150 bgs, Innis, Speiden & Co, Markhor, Port Sudan
ASAFETIDA—40 pkgs, City of Tokio, Colombo
BENZOIN—100 cs, S B Penick & Co, Glaucus, Sibolga
CHICLE—21 pkgs, Chicle Development Co, Burgos, Trinidad
184 bls, Chicle Development Co, Musa, Puerto Barrios
COPAL—246 baskets, L N Jackson Co, Glaucus, Macassar
100 baskets, W H Scheel, Glaucus, Macassar
DAMMAR—100 cs, O G Innes Corp, Glaucus, Padang
LOCUST BEAN—100 cs, 25,300 lbs, T M Duche & Sons, Excalibur, Genoa
TRAGACANTH—42 bgs, 7,345 lbs, Paul A Dunkel & Co, New York, Hamburg
9 cs, 2,365 lbs, Herman Hollander, New York, Hamburg
49 cs, E Meer & Co, President Harding, Hamburg
10 cs, 36 bgs, Frank Vliet Co, Britannic, London
GYPSUM—5,500 tons, U S Gypsum Co, Gypsum Empress, Windsor
5,260 tons, U S Gypsum Co, Gypsum Prince, Windsor
HERBS, MEDICINAL—95 bls, 21,586 lbs, S B Penick & Co, New York, Hamburg
27 bls, J L Hopkins & Co, Pennland, Antwerp
6 bls, Peek & Velsor, Pennland, Antwerp
28 bls, National City Bank, Veendam, Rotterdam
50 bls, R J Prentiss & Co, Veendam, Rotterdam
IRON ORE—100 dms, 21 tons, 1 qtr, 12 lbs, Reichard, Coulston, Carinthia, Liverpool
OXIDE—11 cks, Reichard, Coulston, Sea Glory, Bristol
50 bbls, G Z Collins & Co, Sea Glory, Bristol
17 cks, J A McNulty, Carinthia, Liverpool
50 cks, T H Deutz, Veendam, Rotterdam
2 cks, S L Libby Co, Veendam, Rotterdam
JALAP ROOT—18 pkgs, P H Petry & Co, Yucatan, Vera Cruz
JUNIPER BERRIES—100 bgs, Peek & Velsor, Olympia, Leghorn
LEAVES, MEDICINAL—94 bgs, 11,226 lbs, Excalibur, Marseilles
LICORICE PASTE—176 cs, Exminster, Izmir
ROOT—12,596 bls, 22 bgs, McAndrews & Forbes, Exminster, Izmir
76 bgs, 126 bls, Exminster, Izmir
LYCOPODIUM—4 cs, 721 lbs, Peek & Velsor, Washington, Hamburg
MACE—10 cs, C T Wilson & Co, Burgos, Grenada
26 cs, Burgos, Grenada
MAGNESIA, CARBONATE—50 cs, 1 ton, 14 cwt, 3 qtrs, McKesson & Robbins, Carinthia, Liverpool
10 cs, 6 cwt, 2 qtrs, 21 lbs, Schofield, Donald Co, Carinthia, Liverpool
MAGNESITE, CALCINED—40 dms, Speiden, Whitfield Co, Veendam, Rotterdam
MANGANESE ORE—2 bgs, General Dry Batteries Co, Manuela, Ponce
MARSHMALLOW ROOT—10 bls, 1,100 lbs, New York, Hamburg
MATCHES, SAFETY—100 tins, Pennland, Antwerp
MEDICINAL PREP'S—37 cs, E Fougera & Co, Normandie, Havre
18 cs, J Personeni, Excalibur, Genoa
MENTHOL—10 cs, Bridges, Neumer & Co, Peter Maersk, Shanghai
7 cs, New York Quinine & Chem Works, Britannic, London
METAL DUST—209 cks, African Metals Corp, Pennland, Antwerp
MICA—49 cs, President Harding, Southampton
10 cs, Britannic, London
40 cs, City of Tokio, Calcutta
29 cs, Globe Shipping Co, City of Tokio, Calcutta
58 cs, Gillespie, Rogers, Pyatt Co, City of Tokio, Calcutta
47 cs, O Gerdau Co, Southern Prince, Rio de Janeiro
91 cs, Markhor, Calcutta
BLOCK—73 cs, Steel Worker, Calcutta
94 cs, New Orleans, Calcutta
33 cs, City of Tokio, Calcutta
CONDENSER—6 cs, New Orleans, Calcutta
DISCS—1 cs, New Orleans, Calcutta
3 cs, Gillespie, Rogers, Pyatt Co, New Orleans, Calcutta
FILM—10 cs, New Orleans, Calcutta
10 cs, City of Tokio, Calcutta

MICA, SPLITTINGS—113 cs, Steel Worker, Calcutta
56 cs, Gillespie, Rogers, Pyatt Co, New Orleans, Calcutta
289 cs, City of Tokio, Calcutta
20 cs, Markhor, Calcutta
MILK POWD—75 cs, Midland Marine Trust Co, Veendam, Rotterdam
220 bbls, 100 cs, 2,090 bgs, Veendam, Rotterdam
MILLET SEED—705 bgs, Schurbek, Rosario
863 bgs, Schurbek, Buenos Aires
MOLASSES—14,870,473 lbs, Cuba Distilling Co, Catahoula, Bufadero
1,175,669 gls, Havana Molasses Co, Dixiano, Porto Tarafa
173,558 gls, American Molasses Co, Munargo, Havana
MOWRAH MEAL—500 bgs, City of Tokio, Calcutta
MYROBALANS — 2,500 bgs, National City Bank, City of Tokio, Bombay
NAPHTHALENE—385 bgs, Calco Chem Co, Sea Glory, Bristol
748 bgs, Charles Hardy, Black Tern, Antwerp
286 bgs, Black Tern, Antwerp
NUTMEGS—44 cs, 37 bgs, Britannic, London
181 bgs, B H Old & Co, Veendam, Rotterdam
128 bgs, Thomas Scott & Co, Burgos, Grenada
100 bgs, Royal Bank of Canada, Burgos, Grenada
100 bgs, C T Wilson & Co, Burgos, Grenada
50 bgs, McKesson & Robbins, Burgos, Grenada
200 bgs, Burgos, Grenada
OCHER—84 bgs, Landers Segal Color Co, Cypria, Marseilles
60 cks, 36,326 lbs, Reichard-Coulston, Excalibur, Marseilles
75 cks, 45,075 lbs, J Lee Smith & Co, Excalibur, Marseilles
30 cks, Chase National Bank, Excalibur, Marseilles
OIL, ALMOND—8 cs, Ungerer & Co, Britannic, London
BAY—5 cs, J H Rodriguez Co, Borinquen, San Juan
15 cs, Geo Lueders & Co, Borinquen, San Juan
5 cs, D Steengrafe, Borinquen, San Juan
14 cs, D Steengrafe, Burgos, St Lucia
CAMPHOR—50 dms, Orbis Product Trading Co, Peter Maersk, Kobe
CHINAWOOD—180 tons, Bank of California National Assn, Kwansai, Hankow
5 dms, F Rosenthal & Co, Peter Maersk, Shanghai
CINNAMON LEAF—4 dms, Rotherford National Bank, New Orleans, Colombo
CITRONELLA—20 dms, Dodge & Olcott Co, Glaucus, Colombo
5 dms, Chase National Bank, City of Tokio, Colombo
CLOVE—3 dms, City of Tokio, Port Said
CODLIVER—100 dms, Brown Bros-Harriman Co, Washington, Hamburg
CORN—310 dms, Corn Product Refg Co, New York, Hamburg
828 dms, Corn Product Refg Co, Peter Maersk, Kobe
194 dms, M C Littauer, Black Tern, Antwerp
ESSENTIAL—49 cs, Normandie, Havre
1 cs, R F Downing & Co, Aquitania, Southampton
24 cs, President Harding, Havre
1 kg, Britannic, London
15 cs, Veendam, Rotterdam
2 dms, 2 demjs, 1 cs, Excalibur, Marseilles
4 cs, Musa, Puerto Barrios
EUCALYPTUS—10 dms, Magnus, Mabee & Reynard, Peter Maersk, Kobe
12 dms, Norda Essential Oil & Chem Co, Peter Maersk, Kobe
10 dms, Ungerer & Co, Peter Maersk, Kobe
6 dms, L A Champon, Peter Maersk, Kobe
FUEL—108,300 bbls, Standard Oil Co of N J, Wilhelm A Riedmann, Aruba
52,657 bbls, Anglo Mexican Petroleum Corp, San Roberto, Puerto Mexico
109,500 bbls, Standard Oil Co of N J, J A Mowinckel, Aruba
LAVENDER—1 cs, A Chiris & Co, Excalibur, Marseilles
8 dms, Chase Natl Bank, Excalibur, Marseilles
2 dms, Corn Exchange Bank Trust Co, Excalibur, Marseilles
5 dms, 7 cks, A Verley, Excalibur, Marseilles
LIME—6 cs, Middleton & Co, Stuyvesant, Demerara
3 cs, Burgos, St Lucia
17 cs, 1 dm, Dodge & Olcott Co, Southern Prince, Port Spain
LUBRICATING—10 dms, Frazar & Co, Kwansai, Osaka
MINERAL—100 dms, 2 cs, Heemsoth, Pinckes & Kerner, New York, Hamourg
200 dms, New York, Hamburg
OLIVE—25 dms, Hellenic Bankers Trust Co, Cypria, Marseilles
100 cs, Cypria, Marseilles
75 bbls, American Express Co, Cypria, Nice
1,690 cs, Olympia, Leghorn
120 cs, Olympia, Genoa
170 cs, Excalibur, Leghorn
25 dms, Ungerer & Co, Excalibur, Genoa
5 bbls, P Pastene & Co, Excalibur, Genoa

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OIL, OLIVE—1,405 cs, Excalibur, Genoa
40 dms, Excalibur, Marseilles
OLIVE SULPHUR—100 dms, Philadelphia National Bank, Cypria, Lisbon
150 bbls, E M Sergeant Pulp & Chem Co, Cypria, Lisbon
400 bbls, Leghorn Trading Co, Cypria, Lisbon
ORANGE—3 dms, 1,478 lbs, J Manheimer, Excalibur, Marseilles
5 dms, Geo Lueders & Co, Excalibur, Marseilles
ORIGANUM—5 dms, Lo Curto & Funk, Excalibur, Beyrouth
PALM—389 tons, Van Leeuwen, Boomkamp & Co, Glaucus, Belawan, Deli
500 bbls, Penniand, Antwerp
PETITGRAIN—25 cs, Southern Prince, Buenos Aires
PINENEEDLE—3 dms, 2,587 lbs, New York, Hamburg
RESIDUE—5 cs, J E Bernard & Co, New York, Hamburg
20 dms, President Harding, Hamburg
SOYBEAN—151 dms, Holland American Line, Veendam, Rotterdam
TEASEED—136 dms, Arnhold & Co, Peter Maersk, Hongkong
ORRISROOT—13 bgs, Peek & Velsor, Olympia, Leghorn
16 bgs, 22,000 lbs, Peek & Velsor, Excalibur, Leghorn
PAPAIN—2 cs, E Bischoff Co, Glaucus, Macassar
10 cs, S Penick & Co, Glaucus, Colombo
11 pkgs, Dodwell & Co, Markhor, Colombo
PAPRIKA—100 bgs, B H Old & Co, Olympia, Alicante
50 bgs, Levy & Levis Co, Olympia, Alicante
25 bgs, G L Curtin Co, Olympia, Alicante
460 bgs, 45 cs, R T French Co, Olympia, Alicante
115 bgs, Universal Carloading Distr Co, Olympia, Alicante
64 bgs, Villar & Osorio, Olympia, Alicante
450 bgs, Knickerbocker Mills Co, Olympia, Alicante
1,745 bgs, 1,402 cs, Olympia, Alicante
200 bgs, P H Petry & Co, New York, Hamburg
10 bgs, Chemical Bank Trust Co, New York, Hamburg
10 bgs, Strohmeyer & Arpe Co, New York, Hamburg
15 bgs, H Schoenfeld & Son, New York, Hamburg
10 cs, 20 bgs, National Carloading Corp, New York, Hamburg
250 bgs, New York, Hamburg
25 bgs, J Raphael & Son, President Harding, Hamburg
PARACHLORMETACRESOL — 1 ck, Rohner Gehrig & Co, New York, Hamburg
PARAFFIN—2,800 bgs, Asiatic Petroleum Corp, Glaucus, Balikpapan
PEATMOSS—800 bls, Stuttgart, Bremen
4,006 bls, Premier Peatmoss Corp, President Harding, Hamburg
500 bls, Halfmoon Mfg & Trading Co, Veendam, Rotterdam
2,100 bls, Premier Peatmoss Corp, Scanstates, Copenhagen
PETROLEUM, CRUDE—80,791 bbls, Standard Oil Co of N J, H M Flagler, Guiria
SULPHONATED—16 bbls, New York, Hamburg
PIMENTO—100 bgs, McKesson & Robbins, Pastores, Kingston
POPPYMEAL—40 bgs, Fezandie & Sperrle, Veendam, Rotterdam
POPPYSEED—300 bgs, 33,000 lbs, Catz American Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, Van Loan & Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, C M Van Sillevoldt, Veendam, Rotterdam
300 bgs, 33,000 lbs, G T German, Washington, Hamburg
POTASH, CARBONATE—50 cks, Innis, Speiden & Co, Washington, Bremen
CHLORATE—1,750 cks, 432,223 lbs, Uniform Chem Prod Co, New York, Hamburg
180 bbls, 42,862 lbs, Charles Hardy, Black Tern, Antwerp
MURIATE—454,000 kilos, N V Potash Export My, Nordlys, Bremen
650 bgs, N V Potash Export My, Nordlys, Bremen
470,500 kilos, N V Potash Export My, Black Tern, Antwerp
PRUSSIATE—40 cs, H H Rosenthal Co, Kwansai, Osaka
POTASH MAGNESIA SULPHATE—140 bgs, N V Potash Export My, Nordlys, Bremen
PYRETHRUM FLOWERS—125 bls, Mitsubishi Shoji Kaisha, Kwansai, Osaka
125 bls, McKesson & Robbins, Kwansai, Kobe
QUEBRACHO EXTRACT—8,550 bgs, International Product Corp, Southern Prince, Buenos Aires
2,108 bgs, Tannin Corp, Southern Prince, Buenos Aires
QUICKSILVER—40 flasks, Chase Natl Bank, Siboney, Vera Cruz
RESIN—16 cs, 1,623 lbs, New York, Hamburg
RHUBARB—40 cs, Brown Bros-Harriman Co, Kwansai, Shanghai
ROOT, MEDICINAL—85 bgs, 15,070 lbs, Excalibur, Marseilles
ROSE LEAVES—1 ck, Yardley & Co, Britannic, London
100 bls, 6,600 lbs, Exminster, Casablanca
ROSIN, LIQUID—50 bbls, Scanstates, Wiborg
SAFROL—5 dms, Magnus, Mabee & Reynard, Peter Maersk, Kobe
SALTPETER—474,871 kilos, Chilean Nitrate Sales Corp, Antofagasta, Iquique
Quantity, Stuttgart, Bremen
227 bgs, Nordlys, Bremen
272 bgs, 59,840 lbs, New York, Hamburg
SARSAPARILLA ROOT—11 bls, Eggers & Heinlein, Musa, Puerto Cortes
SAWDUST—592 bgs, State Chem Co, Veendam, Rotterdam
SEAWEED—1,885 bgs, 75 tons, 7 cwts, 3 qtrs, 4 lbs, Feedwaters, Inc, Carinthia, Liverpool
SESAME SEED—104 bls, S B Penick & Co, City of Tokio, Colombo
175 bls, City of Tokio, Colombo
SHELLAC—35 cs, A Hurst & Co, New York, Hamburg
1,000 bgs, E E Androvette, City of Tokio, Calcutta
25 cs, 200 bgs, France, Campbell & Darling, City of Tokio, Calcutta

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SHELLAC—75 bgs, Argenti & Co, City of Tokio, Calcutta
1,336 bgs, Wm Zinsser & Co, City of Tokio, Calcutta
30 cs, 200 bgs, Alfred Kramer & Co, City of Tokio, Calcutta
25 cs, 625 bgs, Mac Lac Co, City of Tokio, Calcutta
208 cs, 50 bgs, E J Cornelis, City of Tokio, Calcutta
200 bgs, City of Tokio, Calcutta
150 bgs, Schwab Bros, City of Tokio, Calcutta
10 cs, A Hurst & Co, Veendam, Rotterdam
175 bgs, Wm Zinsser & Co, Markhor, Calcutta
350 bgs, Guaranty Trust Co, Markhor, Calcutta
100 bgs, National City Bank, Markhor, Calcutta
25 bgs, Markhor, Calcutta
BUTTONLAC—20 bgs, Wm Zinsser & Co, City of Tokio, Calcutta
SEEDLAC—300 bgs, New Orleans, Calcutta
300 bgs, A Helmrath, City of Tokio, Calcutta
650 bgs, E J Cornelis, City of Tokio, Calcutta
100 bgs, City of Tokio, Calcutta
100 bgs, Schwab Bros, City of Tokio, Calcutta
600 bgs, 50 cs, Mac Lac Co, City of Tokio, Calcutta
300 bgs, Argenti & Co, City of Tokio, Calcutta
550 bgs, Alfred Kramer & Co, City of Tokio, Calcutta
200 bgs, City of Tokio, Calcutta
700 bgs, Wm Zinsser & Co, Markhor, Calcutta
900 bgs, Guaranty Trust Co, Markhor, Calcutta
100 bgs, National City Bank, Markhor, Calcutta
500 bgs, Bank of Manhattan, Markhor, Calcutta
100 bgs, Bank of London South America, Markhor, Calcutta
SIENNA—20 bbls, 8,360 lbs, Whittaker, Clark & Daniels, Excalibur, Leghorn
25 cks, 13,860 lbs, Landers Segal Color Co, Excalibur, Leghorn
3 cks, 1,298 lbs, Excalibur, Leghorn
SOAP—3 cs, American Express Co, Aquitania, Southampton
1 cs, Yardley & Co, Britannic, London
175 cs, 160 cyls, Conti Prod Corp, Excalibur, Leghorn
MILLINGS—1 cs, Yardley & Co, Britannic, London
STEARIC ACID — 7 cs, Yardley & Co, Britannic, London
STEARIN CHIPS — 5 cs, Yardley & Co, Britannic, London
TOILET—15 cs, R F Downing & Co, Aquitania, Southampton
SODA, HYDROSULPHITE — 7 cs, 39 dms, Europa, Bremen
2 kegs, 2 cwt, 1 qtr, 6 lbs, Philipp Bros, Carinthia, Liverpool
NITRATE—20,523 bgs, Chilean Nitrate Sales Corp, Antofagasta, Tocopilla
4,962 bgs, Chilean Nitrate Sales Corp, Antofagasta, Iquique
PRUSSIATE—305 cs, H H Rosenthal Co, Kwansai, Osaka
SULPHITE—20 kegs, Davies, Turner & Co, Britannic, London
URANATE—200 bbls, 10 cs, Central Trading Corp, Black Tern, Antwerp
SOLVENTS—501 dms, C P Chemical Solvents Co, Manuela, Ponce
SOYBEAN RESIDUE — 5 cs, J H Faunce, Washington, Hamburg
SPONGES — 11 bls, Schroeder & Tremayne, Quirigua, Havana
38 bls, Schroeder & Tremayne, Siboney, Havana
6 bls, Siboney, Havana
5 bls, J H Rhodes & Co, Munargo, Havana
10 bls, Munargo, Havana
REFUSE—19 bls, Munargo, Havana
STARCH, POTATO—250 bgs, Veendam, Rotterdam
STEATITE—7 bbls, 3,898 lbs, M Kirchberger Co, Excalibur, Leghorn
STRAMONIUM LEAVES—81 bls, New York, Hamburg
SULPHUR, PRECIP—40 cks, 11 tons, 16 cwt, 1 qtr, 22 lbs, Merck & Co, Carinthia, Liverpool
TALC—400 bgs, L A Salomon & Bros, Olympia, Genoa
500 bgs, Whittaker, Clark & Daniels, Peter Maersk, Kobe
1,344 bgs, Peter Maersk, Kobe
275 bgs, Hammill & Gillespie, Excalibur, Marseilles
TAMARINDS—15 bbls, Murbas Trading Co, Burgos, St Lucia
TANKAGE — 457 pkgs, Schuerbek, Buenos Aires
2,000 bgs, Chase National Bank, Southern Prince, Buenos Aires
2,300 bgs, Southern Prince, Buenos Aires
TAPIOCA FLAKE—67 bgs, Stein, Hall & Co, Glaucus, Sourabaya
FLOUR — 8,841 bgs, Stein, Hall & Co, Glaucus, Sourabaya
500 bgs, H P Winter & Co, Glaucus, Cheribon
250 bgs, Rutger, Bleecker & Co, Glaucus, Cheribon
535 bgs, Balfour, Guthrie & Co, Glaucus, Pamanoekan
500 bgs, J Lowe Corp, Glaucus, Batavia
508 bgs, H P Winter & Co, Glaucus, Batavia
2,052 bgs, Stein, Hall & Co, Glaucus, Batavia
TARTAR—225 bgs, Charles Pfizer & Co, Cypria, Marseilles
141 bgs, Excalibur, Marseilles
THYME LEAVES—20 bls, B Fischer & Co, Cypria, Marseilles
50 bls, J L Hopkins & Co, Olympia, Alicante
23 bls, Olympia, Alicante
TONKA BEANS—250 cks, American Tobacco Co, Burgos, Trinidad
TRICHLORETHYLENE—60 bbls, International Selling Corp, Cypria, Marseilles
UMBER—20 cks, 3 tons, 7 cwt, 3 qtrs, 12 lbs, Whittaker, Clark & Daniels, Carinthia, Liverpool
BURNT—30 cks, Adelphi Paint & Color Co, Markhor, Port Said
10 cks, Adelphi Paint & Color Works, City of Tokio, Port Said
65 cks, Smith Chem & Color Co, City of Tokio, Port Said
30 cks, Robinson, Wagner Co, Markhor, Port Said
URANYL CARBONATE — 40 bbls, Central Trading Corp, Black Tern, Antwerp
UVA URSI—54 pkgs, Olympia, Alicante
VANILLA BEANS—94 cs, City of Tokio, Port Said
23 cs, Thurston & Braidich, Yucatan, Vera Cruz
5 cs, Integrity Trust Co, Yucatan, Vera Cruz
45 cs, Thurston & Braidich, Excalibur, Marseilles
5 cs, Excalibur, Marseilles
33 cs, Chase Natl Bank, Excalibur, Marseilles
57 cs, Marine Midland Trust Co, Excalibur, Marseilles
41 cs, Philadelphia Natl Bank, Excalibur, Marseilles
WATTLE BARK—1,100 bls, 100 tons, 2 qtrs, 24 lbs, Tannin Corp, Robin Goodfellow, Mombasa

WATER, MINERAL—800 cs, E & J Burke, Cypria, Marseilles
50 cs, Conte Savoia, Naples
80 cs, Progresive Drug Co, Washington, Bremen
110 cs, Austin Nichols & Co, Washington, Bremen
WAX, ANIMAL—2 cs, Orbis Product Trading Co, Britannic, London
BEES—20 bgs, Will & Baumer Candle Co, Oriente, Havana
25 bgs, D Steengeafe, Oriente, Havana
364 pkgs, Strohmeyer & Arpe Co, Olympia, Lisbon
2 bgs, D Steengrafe, Manuela, San Juan
3 bgs, Machado & Co, Ponce, Porto Plata
CANDELILLA—183 bgs, D A Zarrillo, Panuco, Tampico
640 bgs, M Argueso & Co, Panuco, Tampico
CERESIN—20 bgs, 2,257 lbs, W Manley, New York, Hamburg
OZOKERITE—40 bgs, Black Tern, Rotterdam
65 bgs, 1 cs, R M Dick, Washington, Hamburg
STAIN—17 cs, J W Warnecke Corp, Veendam, Rotterdam
VEGETABLE—30 cs, A Hurst & Co, Britannic, London
WOODFLOUR—400 bgs, State Chem Co, Veendam, Rotterdam
YEAST—10 kgs, New York, Hamburg
150 bbls, 12 cs, Vulken Yeast Co, New York, Hamburg
100 cks, New York, Hamburg
BREWERS—400 bgs, Carinthia, Liverpool
PASTE—300 cs, P H Petry & Co, New York, Hamburg
ZINC OXIDE—6 cs, Yardley & Co, Britannic, London
SULPHATE—20 cks, 11,836 lbs, American Cyanamid & Chem Co, Black Tern, Antwerp

New York Transit Imports

BRISTLES—4 cs, H Rosenhirsch & Co, Peter Maersk, Kobe, Providence
CAMPHOR, REFINED—400 cs, McKesson & Robbins, Kwansai, Kobe, Bridgeport
CHEMICALS—75 cks, Scholl Mfg Co, Veendam, Rotterdam, Chicago
COBALT OXIDE—7 cks, First Natl Bank, Normandie, Havre, Pittsburgh
ERGOT—88 dms, Parke, Davis & Co, Cypria, Leixoes, Detroit
ISINGLASS—14 cs, G W Sheldon & Co, Aquitania, Southampton, Chicago
MENTHOL—25 cs, McKesson & Robbins, Kwansai, Kobe, Bridgeport
OIL, CHINAWOOD—400 tons, W G Smith Co, Peter Maersk, Hankow, Cleveland
OLIVE—100 bbls, Cypria, Marseilles, Chicago
SPONGES—26 bls, Oriente, Havana, Paris
124 bls, Oriente, Havana, Bremen
27 bls, Munargo, Havana, Amsterdam
3 bls, Munargo, Havana, Kobe
REFUSE—76 bls, Oriente, Havana, Bremen
11 bls, Munargo, Havana, Amsterdam
7 bls, Munargo, Havana, Kobe
ZINC SULPHIDE—1 ck, Claudius Ash Son & Co, Britannic, London, Irvington

Baltimore Imports

ARSENIC—199 dms, Black Osprey, Antwerp
CASEIN—714 bgs, City of Newport News, Havre
CHEMICALS—20 cks, City of Newport News, Hamburg
200 cks, 25 dms, Breedijk, Rotterdam
75 cks, Black Osprey, Rotterdam
CHROME ORE—636 tons, Robin Goodfellow, Beira
9,500 tons, Mutual Chemical Corp, Rokos, Noumea
CRYOLITE—138 cks, Ch Hardy, Executive, Marseilles
CLAY, REFRACTORY—1,500 bgs, Black Osprey, Antwerp
VALLENDAR—178 cks, Breedijk, Rotterdam
FERROMANGANESE—502 tons, W H Muller Co, Breedijk, Rotterdam
FERROPHOSPHOROUS—200 cks, City of Newport News, Hamburg
FERTILIZER, NITROGENOUS—2,000 bgs, Breedijk, Rotterdam
IRON ORE—3,000 tons, Bethlehem Steel Co, City of Canberra, Whyalla
21,500 tons, Bethlehem Steel Co, Chigore, Cruz Grande
11,500 tons, Bethlehem Steel Co, Santore, Pelton
OXIDE—32 cks, Breedijk, Rotterdam
3 cks, Quaker City, Liverpool
MANGANESE ORE—6,400 tons, Robin Goodfellow, Rio de Janeiro
8,730 tons, Stavros Coumantaros, Abu Zenima
7,650 tons, Amtorg Trading Corp, Temple Mead, Poti
6,000 tons, Gypsum Queen, Santiago
OIL, CODLIVER—26 bbls, 5½ dms, City of Newport News, Hamburg
LUBRICATING—35 dms, Black Osprey, Antwerp
OLIVE—150 cs, Executive, Leghorn
PEANUT—5 dms, Breedijk, Rotterdam
VEGETABLE—60 dms, Breedijk, Rotterdam
PARAFFIN, CHLORINATED—1 cs, American Express Co, Quaker City, Liverpool
PEATMOSS—775 bls, City of Newport News, Hamburg
PHOSPHATE, AMMONIATED—254 bgs, Black Osprey, Antwerp
SAND, FURNACE—800 bgs, Black Osprey, Rotterdam
SIENNA—8 cks, Executive, Leghorn
70 dbl bgs, E M & F Waldo, Executive, Leghorn
WHITING—400 bgs, Black Osprey, Antwerp

Boston Imports

ACID, STEARIC—20 bgs, Irving M Sobin, Spaarndam, Rotterdam
AMMONIA CARBONATE—5 dms, Cameronia, Glasgow
ANISE—40 cs, Wah Young Co, Tai Ping, Hongkong, for Montreal
BONES, MANUFACTURING—727 bgs, Swift & Co, Schurbek, Montevideo
BRISTLES—2 cs, Standard Hair Drawing Co, Tai Ping, Kobe
CALCIUM LACTATE—7 cks, Spaarndam, Rotterdam
CARAWAY SEED—50 bgs, Black Diamond Seed Corp, Spaarndam, Rotterdam
CASEIN—751 bgs, 99,339 lbs, First National Bank, Schurbek, Buenos Aires
CELERY SEED—10 bgs, 2,223 lbs, Excalibur, Marseilles
CHEMICALS—50 cks, Advance Solvents & Chemical Corp, Spaarndam, Rotterdam
251 crbys, Spaarndam, Rotterdam
28 cks, Schofield, Donald Co, Cameronia, Glasgow
COCOA BEANS—3,000 bgs, 396,828 lbs, Bankers Trust Co, Thule, Ilheos
1,000 bgs, 132,276 lbs, Guaranty Trust Co, Thule, Ilheos
8,000 bgs, 1,058,208 lbs, Thule, Ilheos
BUTTER—10 cs, Stephen L Bartlett Co, Spaarndam, Rotterdam
COCONUT, DESICATED—85 cs, Dodwell & Co, Tai Ping, Manila
100 cs, Tai Ping, Davao
100 cs, Tai Ping, Manila
COLOR, DRY—25 cks, Stanley, Doggett, Spaarndam, Rotterdam

CORUNDUM, CRYSTAL—1,100 bgs, 111 tons, 1 cwt, 2 qtrs, 2 lbs, Standard Bank of South Africa, City of New York, Lourenco Marques
1,000 bgs, 100 tons, 3 cwts, 2 qtrs 8 lbs, City of New York, Lourenco Marques
FISH LIVERS—9 cs, 3 bxs, from Nova Scotia
1 cs, J A Rich, Yarmouth, Yarmouth
4 cs, H M Crocker, Yarmouth, Yarmouth
4 bxs, Lincoln Willey, Yarmouth, Yarmouth
1 bx, J Coyle, Evangeline, Yarmouth
10 tins, Atlantic Coast Fisheries, Kwansai, Yokohama
MEAL—2,074 bgs, ntfy, H J Baker & Bros, Kurama, Yokohama
GLUESTOCK, FISH SCRAP—10 bxs, J A Rich Co, Yarmouth, Yarmouth
5 bxs, J R Poole Co, Yarmouth, Yarmouth
HIDE CUTTINGS—140 bgs, 10 tons, 6 cwts, 2 qtrs, 23 lbs, Carinthia, Liverpool
GLYCERIN CRUDE—51 dms, Spaarndam, Rotterdam
SAPONIFICATION—40 dms, 24,793 lbs, Excalibur, Alexandria
GUM—100 bgs, 22,487 lbs, City of Tokio, Port Sudan
INDUSTRIAL—10 cks, President Harrison, Marseilles
LIME JUICE—2 cks, Lady Drake, Dominica
MAGNESITE—200 bgs, Atlantic Gypsum Products, Spaarndam, Rotterdam
MEDICINAL PREPS—1 cs, Quong Wah Lung, Tai Ping, Hongkong
4 cs, Foo Sun Co, Tai Ping, Hongkong
5 cs, Sun Lee Chong, President Harrison, Hongkong
MICA SPLITTINGS—300 cs, Guaranty Trust Co, City of Tokio, Calcutta
50 cs, National City Bank, City of Tokio, Calcutta
MILK POWDER—220 bbls, Spaarndam, Rotterdam
550 bgs, Balfour, Guthrie & Co, Spaarndam, Rotterdam
MOLASSES—15 bbls, Lady Nelson, Barbados
50 bbls, Boston Molasses Co, Lady Drake, Demerara
10 pnchns, Rowlings Ltd, Lady Drake, Barbados
70 bbls, Lamson & Co, Lady Drake, Barbados
NUTMEGS—50 bgs, Barclays Bank, Lady Nelson, Grenada
50 bgs, Royal Bank of Canada, Lady Nelson, Grenada
OCHER—95 cks, President Harrison, Marseilles
166 cks, 40,558 lbs, Excalibur, Marseilles
25 cks, 15,132 lbs, Stone & Downer, Excalibur, Marseilles
OIL, COCONUT—601,018 tons, Philippine Refining Corp, Tai Ping, Manila
COD—9 bbls, from Nova Scotia
19 bbls, Marden Wild Corp, Yarmouth, Yarmouth
PEANUT—50 cs, Quong Wah Lung, Tai Ping, Hongkong
30 cs, Foo Sun Co, Tai Ping, Hongkong
25 dms, Lamont Corliss Co, Spaarndam, Rotterdam
SPERM—20 dms, and 75 bbls, Cameronia, Glasgow
PEATMOSS—1,800 bls, Premier Peat Moss Corp, Spaarndam, Rotterdam
PETROLEUM, CRUDE—48,500 bbls, Colonial Beacon Oil Co, Allan Jackson, Guiria
PRESERVATIVE—1 dm, Cuprinol, Inc, Carinthia, Liverpool
SESAME SEED—8 bdls, Quong Wah Lung, Tai Ping, Hongkong
SHELLAC—10 cs, 10 bgs, J Henry Schroeder Banking Corp, Saarndam, Rotterdam
75 cs, Guaranty Trust Co, City of Tokio, Calcutta
225 bgs, Grace National Bank, City of Tokio, Calcutta
100 bgs, National City Bank, City of Tokio, Calcutta
30 cs City of Tokio, Calcutta
GARNET LAC—75 bgs, Grace National Bank, City of Tokio, Calcutta
SOAP—50 cs, 1,964 lbs, Conti Products Corp, Excalibur, Leghorn
TOILET—3 cs, H H Young, Carinthia, Liverpool
SODA, HYDROSULPHITE—60 kgs, 3 tons, 7 cwt, 3 qrs, 2 lbs, Philipp Bros, Carinthia, Liverpool
SOOT, SCOTCH—30 bgs, Cameronia, Glasgow
STARCH—22 cs, Quong Wah Lung, Tai Ping, Hongkong
CHEMICALLY TREATED—550 bgs, Spaarndam, Rotterdam
POTATO—350 bgs, Arnold Hoffman Co, Spaarndam, Rotterdam
250 bgs, Spaarndam, Rotterdam
TALC—275 bgs, 60,626 lbs, L A Salomon & Bros, Schodack, Havre
100 bgs, 22,046 lbs, L A Salomon & Bros, Excalibur, Marseilles
TAPIOCA FLOUR—250 bgs, 55,422 lbs, J P Winter & Co, Glaucus, Cheribon
500 bgs, 111,571 lbs, Arnold Hoffman Co, Glaucus, Cheribon
517 bgs, 115,113 lbs, Guaranty Trust Co, Glaucus, Sourabaya
WATER, MINERAL—6 cs, 1,244 lbs, Schodack, Havre

Houston Imports

CHEMICALS—10 dms, Stureholm, Oslo
COCONUTS—350 bgs, Margaret Lykes, Cristobal
QUEBRACHO EXTRACT—387 bgs, Santos, Buenos Aires

Los Angeles Imports

AGAR AGAR—800 lbs, Montreal, Kobe
ARSENIC, WHITE—22,400 lbs, Kosei, Kobe
BONE MEAL—87,410 lbs, Feltre, Zagrab
CAMPHOR, REFINED—1,000 lbs, Asosan, Kobe
CASSIA—12,000 lbs, Tatsuta, China
CHEMICAL COMPOUND—1,200 lbs, Kano, Yokohama
COCOA BEANS—66,140 lbs, Brandanger, Bahia
COPRA MEAL—336,000 lbs, Golden Dragon, Manila
300,000 lbs, Bintang, Manila
CUMIN SEED—11,200 lbs, Bintang, Bombay
11,020 lbs, President Polk, Marseilles
FERTILIZER—71,340 lbs, Schwaben, Bremen
389,980 lbs, Kosei, Kobe
MEDICINAL PREPS—10 lbs, Kosei, Yokohama
OIL, CHINAWOOD—66,970 lbs, Golden Horn, Hankow
COTTONSEED—450,790 lbs, Brandanger, Santos
111,990 lbs, Brandanger, San Paula
224,230 lbs, Brandanger, Pernambuco
EUCALYPTUS—1,200 lbs, Asosan, Kobe
PEANUT MEAL—112,000 lbs, Golden Horn, Tsingtao
POTASH CHLORATE—55,120 lbs, Cuba, Yokohama
RESIN VINYL—500 lbs, From Montreal
SARDINE MEAL—340,000 lbs, Kosei, Yokohama
1,427,600 lbs, Kosie, Kobe
50,000 lbs, Kosei, Tokyo
SODA CHLORATE—22,050 lbs, Cuba, Yokohama
STARCH, POTATO—300 lbs, Kosei, Yokohama
SUPERPHOSPHATE—360,000 lbs, Kosei, Kobe
WATER MINERAL—670 lbs, From London

New Orleans Imports

ACID, ARSENIC—100 dms, Arsa, Marseilles
BAUXITE ORE—2,468 tons, Republic Mining & Mfg Co, Vestvangen, Paramaribo
COCONUTS—200 sks, Whitney Bank, Tivives, Cristobal
14 sks, F Boyer, Vestvangen, Georgetown
250 sks, Vestvangen, Georgetown
100 sks, J Meyer, Vestvangen, Kingston
MOLASSES—895,104 gls, Cuba Distilling Co, Cassimir, Santiago
436,935 gls, Cuba Distilling Co, Cassimir, Nuevitos
308,373 gls, Commercial Molasses Corp, Amoloo, Niquero
319,010 gls, Standard Brands, Inc, Athelfoam, Trinidad
OCHER—80 bbls, Arsa, Marseilles
OIL, CHINAWOOD—480 tons, National City Bank, Tatsuno, Hankow
COCONUT—6,725 tons, Spencer Kellogg S S Co, Elisabeth Kellogg, Manila
CODLIVER—1,200 dms, McKesson, Parker, Blake, Koenigsberg, Bremen
OLIVE—175 cs, Arsa, Genoa
150 cs, Arsa, Leghorn
PEATMOSS—400 bls, Peat Import Corp, City of Joliet, Bremen
500 bls, City of Joliet, Hamburg
300 bls, Koenigsburg, Bremen
PETROLEUM, REFD—40 dms, J Sareugsen Ship Supplies, City of Joliet, Bremen
85 dms, R Sareussen, Koenigsberg, Bremen
POTASH, MURIATE—198 tons, First National Bank of Boston, San Mateo, Antwerp
SULPHATE—500 sks, N V Potash Export My, Koenigsberg, Bremen
ROOT, CANAIGRE—44 sks, Lusk Shipping Co, Morazan, Vera Cruz
53 sks, Arsa, Vera Cruz
SARSAPARILLA—12 sks, Arsa, Vera Cruz
SALTCAKE—740 tons, Bank of Manhattan, San Mateo, Antwerp
SOAP—25 cs, Arsa, Marseilles
507 tons, Bank of Manhattan, Nevada, Antwerp
WATER, MINERAL—96 cs, San Mateo, Havre
WHITING—500 sks, Nevada, Antwerp
ZINC OXIDE—50 bbls, Arsa, Marseilles

Norfolk Imports

ALUMINUM SILICATE ORE—19 tons, 19 cwt, 2 qtrs, Mansar, Calcutta
FERTILIZER, LEATHER MEAL—279 bgs, 14 tons, City of Newport News, Hamburg
MANGANESE ORE—8,700 tons, E J Lavino & Co, Heronspool, Takoradi
MICA SCRAP—534 bgs, Mansar, Calcutta
OCHER—400 bgs, City of Worcester, Calcutta
POTASH, MANURE SALT—271 tons, N V Potash Export My, Nordlys, Bremen
MURIATE—2,491 tons, N V Potash Export My, Nordlys, Bremen
SULPHATE—5,500 bgs, 500 tons, N V Potash Exrort My, Nordlys, Bremen
POTASH MAGNESIA SULPHATE—3,000 bgs, 272 tons, N V Potash Export My, Nordlys, Bremen
TAPIOCA FLOUR—560 bgs, National City Bank of N Y, Salabangka, Sourabaya
202 bgs, Guaranty Trust Co of N Y, Salabangka, Sourabaya
1,306 bgs, H P Winter & Co, Salabangka, Sourabaya

Philadelphia Imports

ASBESTOS, RAW—667 bgs, Raw Asbestos Distributors, City of New York, Beira
1,334 bgs, Allen, Wach & Shepherd, City of New York, Beira
CALCIUM, SILICIDE—118 csks, Phila Nat'l Bank, Collamer, Havre
CANARY SEED—500 bgs, Export Agencies Corp, Exeecutive, Casablanca
300 bgs, Carl Gerdav, Exminster, Casablanca
CASEIN—417 bgs, Paraguayo, Buenos Aires
CHALK, CRUDE—500,000 kilos, Taintor Trading Co, Collamer, Havre
CHINA CLAY—292 tons, Moore & Munger, Betty, Fowey
911 tons, 3 cwt, English China Clays Sales Corp, Betty, Fowey
CHINA STONE, GROUND—75 tons, 18 cwt, English China Clays Sales Corp, Betty, Fowey
CHROME ORE—3,601 tons, 13 cwt, 3 qrs, 20 lbs, E J Lavino & Co, Indian Prince, Beira
500 tons, E J Lavino & Co, City of New York, Beira
CLAY, BALL—156 tons, 16 cwt, English China Clays Sales Corp, Betty, Fowey
BLUE—315 tons, Moore & Munger, Betty, Fowey
COCONUTS—169 bgs, Edward Freeman, Barbara, Mayaguez
50 bgs, J Simon & Co, Barbara, Ponce
31 bgs, Edward Freeman, Barbara, San Juan
200 bgs, Franklin Baker Co, Barbara, San Juan
COCOA BEANS—3,000 bgs, Satartia, Bahia
3,000 bgs, Wessels, Kulenkampf & Co, Satartia, Bahia
400 bgs, Wood & Selick, Satartia, Bahia
18,000 bgs, Thule, Ilheos
3,000 bgs, Guaranty Trust Co, Thule, Ilheos
CODFISH MEAL—2,000 bgs, Mitsubishi Shoji Kaisha, Tai Ping, Kobe
CORK—36 bls, Armstrong Cork Co, Olympia, Palamos
DISCS—11 bls, Crown Cork Internat'l Corp, Motomar, San Feliu de Guixols
VIRGIN—1,161 bls, Armstrong Cork Co, Olympia, Lisbon
WASTE—3,350 bls, Armstrong Cork Co, Olympia, Lisbon
193 bls, Crown Cork Internat'l Corp, Olympia, Palamos
1,302 bls, Universal Carloading & Distributing Co, Olympia, Palamos
2,848 bls, Exminster, Portimao
7,660 bls, Motomar, Bona
5,129 bls, Armstrong Cork Co, Motomar, Djidjelli
CUMIN SEED—160 bgs, Alberta, Trieste
FERROMANGANESE—177,800 kilos, Argosy, Gdynia
42 cs, Mitsubishi Shoji Kaisha, Kurama Maru, Yokohama
FLAXSEED—5,520 tons, Troubadour, La Plata
FLUORSPAR—89,350 lbs, Standard Bank of South Africa, City of New York, Durban
GRAVEL—304,800 kilos, Wm H Muller & Co, Motomar, San Feliu
FISH MEAL—2,500 bgs, Consumers Import Co, Kurama, Yokohama
LAUREL LEAVES—62 bls, Alberta, Trieste
LICORICE ROOT—6,634 bls, MacAndrews & Forbes Co, Executive, Taranto
498 bgs, MacAndrews & Forbes Co, Executive, Taranto
12,596 bls, MacAndrews & Forbes Co, Exminster, Izmir
22 cks, MacAndrews & Forbes, Exminster, Izmir
MANGANESE ORE—9,750 tons, Electro Metallurgical Co, Baron Fairlie, Takoradi
MANGROVE BARK—433 bgs, City of New York, Kilwa Kisiwani
353 bgs, City of New York, Dar es Salaam
MOLASSES—1,099,780 gls, Cuba Distilling Co, Carrabulle, Guayabal
218,768 gls, Cuba Distilling Co, Carrabulle, Antilla
NAPHTHALENE—1,332 bgs, J W Hampton, Jr & Co, Argosy, Gdynia
1,668 bgs, John Titus, Minnequa, Gdynia
400 bgs, Minnequa, Gdynia
OIL, COCONUT, CRUDE—517,068 tons, Philippine Refining Corp, Silversandal, Cebu
CODLIVER—150 dms, Acton Co, Toronto
Heroen
100 dms, Silmo Chemical Co, Toronto
Bergen
100 dms, J A McCarthy, Toronto, Bergen
COTTONSEED—161 dms, Troubadour, Santos
529 dms, Paraguayo, Santos
MINERAL—100 bbls, Atlantic Refining Co, Collamer, Havre
OLIVE—1,000 cs, Olympia, Leghorn
PAPRIKA—95 bgs, F B Vandegrift & Co, Olympia, Alicante
25 bgs, Olympia, Alicante
PEATMOSS—1,020 bls, Premier Peat Moss Corp, Argosy, Copenhagen
375 bls, Premier Peat Moss Corp, Minnequa, Copenhagen
PEBBLES—508 bgs, Buebendorf Bros, Collamer, Havre
PEPPER, WHITE—81 bgs, Catz American Co, Silversandal, Batavia
162 bgs, Silversandal, Batavia
PETROLEUM, CRUDE—114,808 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
90,398 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
RUTILE TITANIUM ORE—375 bgs, Paraguayo, Santos
SARDINE MEAL—2,000 bgs, Mitsubishi Shoji Kaisha, Tai Ping, Kobe
SUGAR BEET PULP, DRIED—2,000 bgs, Seaboard Western Grain Corp, Argosy, Gdynia
TALC—100 bgs, Charles Mathieu, Executive, Genoa
TANKAGE—1,324 bgs, Paraguayo, Santos
TAPIOCA FLOUR—500 bgs, Perkins Glue Co, Silversandal, Batavia
WOOD FLOUR—2,250 bgs, B L Soberski, Toronto, Greaker

Portland, Ore., Imports

COPRA—500 tons, Durkee Famous Foods, Corneville, Cebu
190 tons, Corneville, Casan
162 tons, Corneville, Catanauan
TAPIOCA FLOUR—200 sks, Guaranty Trust Co of N Y, Manoeran, Cheribon
222 sks, American Trust Co, Manoeran, Sourabaya

San Diego Imports

POTASH SULPHATE—500 sks, Wilson & George Meyer & Co, Schwaben, Bremen

San Francisco Imports

ACID, CITRIC—36 cs, Manukai, Honolulu
CRESLYIC—50 dms, Modavia, Liverpool (for Oakland)
TARTARIC—908 sks, Loch Goil, Rotterdam
AGAR AGAR—10 bls, Chemical Bank & Trust Co, President Hoover, Kobe
4 bls, Barrett & Probert, General Sherman, Kobe
5 bls, Mistui & Co, Getsuyo, Kobe
ALBUMEN, EGG, HEN—56 cs, Stein, Hall & Co, President Hoover, Tientsin
AMMONIA, CARBONATE—30 cs, Braun-Knecht-Heimann Co, Modavia, Glasgow
ANTIMONY REGULUS—3 cs, Chicago Vitreous Enamel Co, President Hoover, Shanghai
BATH SALT—6 cs, American Express Co, Loch Goil, London
BONE, CALCINED—150 sks, Loch Goil, London
MEAL—2,000 sks, Taylor Milling Corpn, Golden Horn, Tsingtao
544 sks, Feltre, Trieste
BRISTLES—50 cs, H Cone & Co, President Hoover, Shanghai
230 cs, B C Ritchie, President Hoover, Shanghai
100 cs, National City Bank of N Y, President Hoover, Tientsin
38 cs, H Rosenhirsch Co, President Hoover, Tientsin
50 cs, H Cone & Co, General Sherman, Kobe
CALCIUM TARTRATE—1,298 bgs, W R Grace & Co, Balboa, Cristobal
CAMPHOR—100 cs, Mitsui & Co, Getsuyo, Kobe
CHEMICALS—50 sks, Royal Bank of Canada, Feltre, Leghorn
26 dms, Loch Goil, Rotterdam
CINNAMON QUILLS—300 bls, D Hecht & Co, General Sherman, Colombo
50 bls, H M Newhall & Co, General Sherman, Colombo
COCOA BEANS—200 sks, Vandel Commercial Co., Schwaben, Cristobal
200 sks, Loch Goil, Cartagena
COCONUT, DESIC—55 cs, Getz Bros Co, President Hoover, Manila
1,181 cs, Durkee Famous Foods, President Hoover, Manila
2,155 cs, Wood & Selick, President Hoover, Manila
1,995 cs, Philippine Desiccated Coconut Corpn, President Hoover, Manila
1,500 cs, Durkee Famous Foods, President Hoover, Manila
189 cs, Balfour, Guthrie & Co, General Sherman, Manila
731 cs, General Sherman, Manila
4,929 cs, Franklin Baker Co, General Sherman, Manila
COCONUTS—150 sks, Universal Import & Export Co, Loch Goil, Kingston
COLORS, DRY—2 bbls, John T Raisin Corpn, Schwaben, Hamburg
PRINTING—8 cans, John T Raisin Corpn, Schwaben, Hamburg
COPRA—500 tons, El Dorado Oil Works, Michigan, Legaspi (for Oakland)
222 tons, El Dorado Oil Works, Michigan, Tacloban (for Oakland)
175 tons, El Dorado Oil Works, Michigan, Cebu (for Oakland)
50 tons, R J Roesling & Co, Michigan, Cebu
1,020 tons, Durkee Famous Foods, Michigan, Cebu
MEAL—500 sks, Henry W Peabody & Co, President Hoover, Manila
DEGRAS—10 dms, Modavia, Liverpool
EGG YOLK, DRIED—22 cs, Bashaw Co, General Sherman, Kobe
ENAMEL—71 pls, Ford Motor Co, General Sherman, Yokohama
FERTILIZER—1,000 sks, Mitsui & Co, Getsuyo, Yokohama
GINGER ROOT—352 pkgs, President Hoover, Hongkong
GLASS, PLATE—1 cs, Brown Bros, Harriman & Co, Schwaben, Antwerp (for Oakland)
WINDOW—127 cs, H Maran, Schwaben, Hamburg
23 cs, J Henry Schroder Banking Corpn, Schwaben, Hamburg
9 cs, J Henry Schroder Banking Corpn, Schwaben, Hamburg (for Oakland)
20 cs, J Henry Schroder Banking Corpn, Schwaben, Antwerp
10 cs, J Henry Schroder Banking Corpn, Schwaben, Antwerp (for Oakland)
GLUE, GELATIN, POWD—12 bbls, Chas M Lee, Loch Goil, Rotterdam
GUM ELEMI—1.5 cs, Wm H Sheel, General sherman, Manila
INK—1 cs, Ti Hang Lung & Co, General Sherman, Hongkong
IRON ORE, GRD—200 sks, Loch Goil, Rotterdam
ISINGLASS—10 sks, 2 cs, M Hatae Co, General Sherman, Kobe
KAPOKSEED—2,150 sks, Harold F Blum & Co, President Hoover, Manila
LAUREL LEAVES—50 bls, Feltre, Trieste
MARGARIN, VEGETABLE—500 cs, David B Berelson, President Hoover, Manila
300 cs, M S Cowen Co, President Hoover, Manila
MATCHES, SAFETY—50 cs, Lipscomb Bros, Golden Horn, Taku Bar
MEDICINAL PREPS—28 sks, 20 cs, Oy Wo Tong, President Hoover, Hongkong
2 cs, Columbia Co, President Hoover, Hongkong
63 cs, Tai Fung Wo Co, President Hoover, Hongkong
1 cs, Peking Bazar Co, President Hoover, Hongkong
MILLET SEED—339 sks, Golden Horn, Dairen
MOLASSES—1,000 tons, Maui, Hilo
MUSTARD SEED—448 sks, Old Dutch Mustard Co, Golden Horn, Taku Bar
OIL, COCONUT—534 tons, Philippine Refining Corp of N Y, President Hoover, Manila
CODLIVER—50 dms, McKesson, Langley, Michaels Co, Schwaben, Hamburg
MINERAL—10 dms, Schwaben, Hamburg
PEANUT—30 cs, Quong Lee & Co, President Hoover, Hongkong
10 cs, Sing Chong, President Hoover, Hongkong
50 cs, Columbia Co, President Hoover, Hongkong
RAPESEED—50 cs, President Hoover, Honolulu
ORANGE—1 cs, Barrett & Probert, President Hoover, Kobe
SESAME—7 cs, Ying Fat Lung, President Hoover, Hongkong
OXIDE—3 sks, Chicago Vitreous Enamel Co, President Hoover, Hongkong
PEANUT MEAL—3,180 sks, East Asiatic Co, Golden Horn, Tsingtao
PEANUTS, SHELLED—288 sks, M S Cowen Co, President Hoover, Manila
POTASH SULPHATE—6,000 sks, Wilson & George Meyer & Co, Schwaben, Bremen (for Oakland)
SESAME SEED—250 sks, President Hoover, Hongkong
SOAP—100 cs, Loch Goil, Rotterdam
LAUNDRY—10 cs, M S Cowen Co, President Hoover, Kobe
SOYBEAN MEAL—1,000 sks, Mitsubishi Shoji Kaisha, Golden Horn, Dairen
STARCH—10 cs, Quong Lee & Co, President Hoover, Hongkong
5 cs, Wing Hop Co, President Hoover, Hongkong
28 cs, Columbia Co, President Hoover, Hongkong
20 cs, Ying Fat Lung, President Hoover, Hongkong
STEARIN FLAKE—50 sks, Otis, McAllister & Co, President Hoover, Kobe
SULPHUR STICKS—100 cs, Pacific National Bank, Feltre, Marseilles
SUPERPHOSPHATE—800 sks, Mitsui & Co, Getsuyo, Kobe
TOILET PREPS—2 cs, Tambara & Co, President Hoover, Yokohama
1 cs, General Sherman, Manila
2 cs, Mutual Supply Co, General Sherman, Yokohama
VARNISH—4 cans, 1 btl, John T Raisin Corp, Schwaben, Bremen
WATER, MINERAL—120 cs, P W Bellingall, Schwaben, Antwerp
15 cs, Loch Goil, Rotterdam
50 cs, Tonkin Distributing Co, Loch Goil, London

Savannah Imports

TAPIOCA FLOUR—500 bgs, Talisse, Cheribon
1,250 bgs, Talisse, Batavia

Seattle Imports

CHALK—198,635 kilos, Oregon, Antwerp
500 sks, Oregon, Antwerp
FLINT PEBBLES—200 sks, East Asiatic Co, Amerika, Copenhagen
PEPPER, WHITE—83 sks, Manoeran, Pangkal Balam
SAND SILICA—375 tons, Balfour, Guthrie & Co, Oregon, Antwerp
TAPIOCA, PEARL—52 sks, Bank of California, N A, Manoeran, Batavia
SEEDS—52 sks, Bank of California, N A, Manoeran, Cheribon
WAX, REFD—424 sks, Patterson Shipping Co, Manoeran, Palembang

Tacoma Imports

POTASH, MURIATE—500 sks, First National Bank of Boston, Oregon, Antwerp
TAPIOCA FLOUR—224 sks, American Trust Co, Manoeran, Sourabaya

Exports from U.S. Ports

New York Exports

Clearance Dates

Aakre, September 4; American Importer, August 28; American Trader, September 4; Angol, August 29; Batory, August 3; Black Gull, September 5; Black Hawk, August 25; Bremen, September, 5; Bronte, September 8; Caledonia, September 3; Cauto, August 29; Champlain, September 1; Chincha, September 1; Coamo, September 10; Edam, September 4; Fort Amherst, August 28; Foylebank, September 5; Frances, September 5; Georgic, September 4; Independence Hall, September 4; Jean Jadot, August 28; Kolsnaren, September 2; Lehigh September 3; Mandu, September 3; Manhattan, September 8; Musa, September 4; Oriente, August 28; Queen Mary, September 8; Quirigua, August 27; Paris, September 4; Rex, September 4; Samaria, September 4; Santa Inez, September 4; Siboney, August 27; Tampa, September 4; Toloa, September 5; Trione, September 4; Westernland, September 5

ACETONE—2,045 lbs, Quirigua, Havana; 2,490 lbs, Scanyork, Stockholm
ACID, ACETIC—358 lbs, Musa, Porto Cortes
CRESYLIC—5,140 lbs, Angol, Antofagasta
SULPHURIC—21,020 lbs, Angol, Callao; 3,284 lbs, Musa, Porto Barrios; 5,280 lbs, Toloa, Porto Colombia
ALCOHOL, ISOPROPYL—3,850 gls, American Trader, London
AMMONIA, ANHYD—(Chincha) 6,995 lbs, Port Elizabeth; 6,881 lbs, East London; 1,568 lbs, Bronte, Para
ASPHALT—110,408 lbs, Bremen, Bremen; 12,406 lbs, Caledonia, Glasgow; (American Importer) 250,623 lbs, Liverpool; 17,041 lbs, Manchester
FLUX—111,784 lbs, Chincha, Port Natal
LIQUID — 11,194 lbs, Lehigh, Liverpool; 126,479 lbs, Black Gull, Antwerp

BLUE, ALKALI—10,874 lbs, Caledonia, Glasgow
ULTRAMARINE—67,816 lbs, Cauto, Progresso
VITRIOL—17,810 lbs, Angol, Antofagasta
CALCIUM ARSENATE—1,117 lbs, Bronte, Pernambuco
CHLORIDE—20,160 lbs, Toloa, Panama City
CEMENT, IRON—4,489 lbs, American Trader, London
ROOF—5,456 lbs, Black Gull, Antwerp
CHEMICALS—3,344 lbs, Samaria, Liverpool; 16,218 lbs, Jean Jadot, Antwerp; (Edam) 2,928 lbs, Rotterdam; 1,408 lbs, Amsterdam; 1,409 lbs, Manhattan, Hamburg
CLAY—2,266 lbs, Scanyork, Copenhagen
CLEANING COMP—15,710 lbs, Independence Hall, Havre
COLOR, DRY—3,539 lbs, Chincha, Port Natal; 1,544 lbs, Quirigua, Cienfuegos
CORN FLOUR—1,350 lbs, Quirigua, Limon; 257 lbs, Musa, Porto Barrios; 1,108 lbs, Toloa, Amapala
SUGAR—24,360 lbs, Black Hawk, Antwerp; 5,379 lbs, Musa, Porto Barrios
DEXTRIN—6,060 lbs, Quirigua, Havana; 3,102 lbs, Eastern Prince, Montevideo
DICHLORODIFLUOROMETHANE — 1,288 lbs, Kolsnaren, Stockholm
DRUGS—7,228 lbs, American Trader, London
DYES—5,200 lbs, Black Hawk, Antwerp; 3,164 lbs, Toloa, Porto Colombia; 3,521 lbs, Manhattan, Hamburg
FERTILIZER—1,346,954 lbs, Foylebank, Manila
GLASS, PLATE—2,880 lbs, American Importer, Liverpool; 3,125 lbs, Quirigua, Porto Isabela
WINDOW—859 lbs, Quirigua, Porto Isabela; 20,633 lbs, Coamo, San Juan
GLUCOSE—29,543 lbs, American Importer, Manchester
GLUE, POWD—2,646 lbs, Frances, Porto Plata
GREASE, ANIMAL—70,265 lbs, Edam, Rotterdam
LUBRICATING — 36,971 lbs, Westernland, Antwerp; 2,615 lbs, Kolsnaren, Stockholm; 924 lbs, Rex, Genoa; 10,801 lbs, American Importer, Manchester; 30,110 lbs, Tampa, Bombay; 8,486 lbs, Paris, Havre; 23,543 lbs, Georgic, London; 30,591 lbs, Jean Jadot, Antwerp; 23,543 lbs, Georgic, London; (Chincha) 3,531 lbs, Port Elizabeth; 17,520 lbs, East London; 17,597 lbs, Port Natal; 30,820 lbs, Lourenco Marques; 13,254 lbs, Dar Salaam; 7,478 lbs, Foylebank, Manila; 1,120 lbs, Musa, Porto Barrios; 1,023 lbs, Toloa, Kingston; 22,491 lbs, Gripsholm, Gothenburg
GUM, KAURI—76,750 lbs, Independence Hall, Havre
GYPSUM ROCK—1,496,550 lbs, Foylebank, Cebu
INK, PRINTING—3,060 lbs, Toloa, Kingston
INSECTICIDE—5,988 lbs, Quirigua, Havana; (Musa) 2,522 lbs, Tela; 1,104 lbs, Porto Barrios; 6,140 lbs, Eastern Prince, Buenos Aires
AGRICULTURAL — (Scanyork) 10,374 lbs, Stockholm; 16,128 lbs, Helsingfors
HOUSEHOLD—12,906 lbs, Tampa, Bombay
LACQUER—1,037 lbs, Black Gull, Antwerp; 2,169 lbs, Scanyork, Stockholm
COLORED—4,195 lbs, Chincha, Port Elizabeth
PYROXYLIN—2,433 lbs, Kolsnaren, Helsingfors
THINNER—1,375 gls, Chincha, Port Elizabeth
LARD—53,608 lbs, Samaria, Liverpool; 24,400 lbs, Black Hawk, Antwerp; 24,400 lbs, Westernland, Southampton; 4,988 lbs, Caledonia, Glasgow; 1,380 lbs, Independence Hall, Dunkirk; 32,100 lbs, Quirigua, Havana; 8,025 lbs, Toloa, Santa Marta; 15,500 lbs, Queen Mary, Southampton; 71,190 lbs, Manhattan, Hamburg
LEAD ARSENATE—8,820 lbs, Angol, Talcahuano; 90,415 lbs, Eastern Prince, Buenos Aires
BLUE—12,064 lbs, Gripsholm, Gothenburg
LIME—52,805 lbs, Musa, Tela
LINSEED CAKE—(Independence Hall) 700,968 lbs, Havre; 790,237 lbs, Dunkirk; 2,358,773 lbs, Black Gull, Antwerp
MAGNESIA, METALLIC—14,728 lbs, American Trader, London
OIL, CASTOR—580 lbs, Toloa, La Union
COCONUT—30,755 lbs, Frances, San Pedro; 4,835 lbs, Quirigua, Havana; 9,218 lbs, Coamo, Ciudad
CORN—(Chincha) 2,275 lbs, Capetown; 910 lbs, Port Natal; 18,590 lbs, Lourenco Marques
CYLINDER — 9,000 gls, Eastern Prince, Santos
EDIBLE—1,325 lbs, Musa, Porto Barrios
LUBRICATING — 3,911 gls, Black Hawk, Antwerp; 6,000 gls, Trione, Rio Grande do Sul; 51,955 gls, Westernland, Antwerp; 500 gls, Oriente, Havana; 6,985 gls, Kolsnaren, Helsingfors; 16,808 gls, Caledonia, Glasgow; (Independence Hall) 2,100 gls, Rouen; 3,790 gls, Havana; 14,406 gls, Dunkirk; 4,095 gls, Black Gull, Antwerp; 1,008 gls, Samaria, Liverpool; 950 gls, Frances, Ciudad; (Angol) 8,030 gls, Bolivia; 11,000 gls, Tocopilla; 6,315 gls, San Antonio; 23,471 gls, American Importer, Liverpool; 5,500 gls, Cauto, Tampico; (Tampa) 1,100 gls, Mombasa; 4,915 gls, Bombay; 5,705 gls, Madras; 5,880 gls, Calcutta; (Paris) 5,420 gls, Bordeaux; 5,420 gls, La Rochelle; 21,524 gls, Havre; 27,604 gls, Georgic, London; 1,705 gls, Jean Jadot, Antwerp; (Chincha) 7,709 gls, Port Natal; 4,665 gls, Lourenco Marques; 7,375 gls, Dar Salaam; 4,785 gls, Musa, Tela; 11,935 gls, Siboney, Vera Cruz; 1,925 gls, Toloa, Porto Colombia; 3,150 gls, Gripsholm, Copenhagen; (Edam) 4,830 gls, Rotterdam; 6,396 gls, Amsterdam; 2,750 gls, Chimu, Buenaventura; (Santa Inez) 2,300 gls, Iquique; 5,115 gls, Antofagasta; 1,100 gls, Coquimbo; 10,305 gls, Valparaiso; 4,590 gls, Scanyork, Copenhagen; 2,585 gls, Bronte, Pernambuco; (Foylebank) 7,145 gls, Manila; 3,325 gls, Cebu; 22,165 gls, Shanghai
OLEO—(Westernland) 28,307 lbs, Southampton; 60,843 lbs, Antwerp; 98,364 lbs, Black Gull, Antwerp; 65,721 lbs, Black Hawk, Antwerp; 8,921 lbs, American Importer, Liverpool; 9,422 lbs, Jean Jadot, Antwerp; (Scanyork) 46,157 lbs, Copenhagen; 11,237 lbs, Stockholm; 58,468 lbs, Gripsholm, Gothenburg; 47,643 lbs, Edam, Rotterdam
PEPPERMINT—1,840 lbs, Samaria, Liverpool; 800 lbs, Caledonia, Glasgow; 337 lbs, American Trader, London; 928 lbs, Edam, Amsterdam
PINE RES—5,379 lbs, American Trader, London
RED—26,908 lbs, Westernland, Antwerp
SOY—2,340 lbs, Coamo, San Juan
TRANSFORMER — 840 gls, Black Hawk, Antwerp
VALVE—1,870 gls, Siboney, Vera Cruz
PAINT—1,987 lbs, Black Gull, Antwerp; 8,556 lbs, American Trader, London; 5,358 lbs, Quirigua, Limon; (Scanyork) 5,860 lbs, Stockholm; 3,390 lbs, Tonsberg; 4,639 lbs, Musa, Porto Castilla; (Toloa) 8,351 lbs, Cartagena; 5,249 lbs, Buenaventura
PREPARED—2,351 lbs, Musa, Porto Barrios; 22,806 lbs, Edam, Rotterdam
THINNER—500 gls, Mandu, Rio de Janeiro; (Chincha) 2,230 gls, Port Natal; 200 gls, Dar Salaam; 1,100 gls, Bronte, Ceara
PARAFFIN—11,343 lbs, Samaria, Liverpool; (Trione) 12,339 lbs, Rio Grande do Sul; 22,198 lbs, Porto Alegre; 113,212 lbs, Lehigh, Manchester; (Kolsnaren) 22,244 lbs, Gothenburg; 11,439 lbs Norrkoeping; 24,107 lbs, Independence Hall, Havre; 16,649 lbs, Mandu, Santos; (Angol) 50,110 lbs, Buenaventura; 71,115 lbs, Callao; 45,223 lbs, Talara; 67,822 lbs, Arica; 52,063 lbs, San Antonio; 44,500 lbs, American Importer, Manchester; 41,225 lbs, Paris, Havre; 33,924 lbs, Georgic, London; (Quirigua) 64,690 lbs, Limon; 2,220 lbs, Havana; 34,215 lbs, Aakre, Casablanca; 22,244 lbs, Edam, Amsterdam; 22,6110 lbs, Chimu, Pacasmayo
SCALE—59,788 lbs, Samaria, Liverpool; 12,298 lbs, Caledonia, Glasgow; 242,855 lbs, American Importer, Manchester; 15,788 lbs, Edam, Amsterdam
PETROLATUM—21,448 lbs, Black Hawk, Antwerp
PETROLEUM, REFD—15,000 gls, Frances, Ciulad
PITCH—4,871 lbs, Edam, Rotterdam
QUICKSILVER—2,000 lbs, Kolsnaren, Stockholm
RESIN—13,151 lbs, Independence Hall, Havre; 7,351 lbs, American Trader, London
SYNTHETIC—11,257 lbs, Samaria, Liverpool
ROSIN—11,839 lbs, American Trader, London
SILICATE COMP—48,400 lbs, American Trader, London
SOAP—3,700 lbs, Quirigua, Havana
SOAPSTOCK—14,616 lbs, Black Hawk, Antwerp
SODA ASH—33,530 lbs, Mandu, Rio Janeiro; (Tampa) 226,000 lbs, Calcutta; 11,300 lbs, Karachi; 20,410 lbs, Georgic, London; 32,600 lbs, Quirigua, Havana; (Chincha) 3,120 lbs, Walvis Bay; 19,404 lbs, Port Natal; 3,320 lbs, Port Elizabeth; 2,268 lbs, Musa, Porto Cortes
BICARBONATE—18,017 lbs, Cauto, Tampico; 30,104 lbs, Siboney, Vera Cruz
BICHROMATE—12,073 lbs, Mandu, Santos
CAUSTIC—86,810 lbs, Trione, Buenos Aires; 53,080 lbs, Oriente, Havana; 243,610 lbs, Mandu, Rio Janeiro; 19,124 lbs, Angol, Arica; 125,106 lbs, Cauto, Tampico; (Tampa) 128,024 lbs, Karachi; 96,010 lbs, Calcutta; (China) 3,665 lbs, Port Elizabeth; 9,600 lbs, Port Natal; 7,183 lbs, Coamo, Ciudad; 56,871 lbs, Bronte, Ceara; 17,950 lbs, Musa, Porto Cortes; 2,525 lbs Toloa, Kingston; 121075 lbs, Siboney, Vera Cruz
PHOSPHATE, TRI—1,010 lbs, Black Hawk, Antwerp; 11,300 lbs, Black Gull, Antwerp
SILICATE—4,092 lbs, Musa, Porto Cortes
STARCH—840 lbs, Musa, Porto Barrios
CORN—2,301 lbs, Coamo, Ciudad; 20,372 lbs, Foylebank, Manila
STEARIN, OLEO—20,471 lbs, Westernland, Southampton
SULPHUR—9,999 lbs, Quirigua, Havana
SUPERPHOSPHATE—29,000 lbs, Georgic, London
TALC—4,480 lbs, Lehigh, Dublin; 22,400 lbs, Samaria, Liverpool; 4,480 lbs, Gripsholm, Stockholm
TALLOW—122,578 lbs, Black Gull, Antwerp; 14,050 lbs, Coamo, Ciudad
INEDIBLE—115,361 lbs, Rex, Genoa
TANNING EXTRACT—12,129 lbs, Caledonia, Glasgow; 891 lbs, American Trader, London
LIQUID—39,512 lbs, Samaria, Liverpool
TRICHLORETHYLENE—12,491 lbs, Samaria, Liverpool
TURPENTINE—1,100 gls, Angol, Valparaiso
VARNISH—4,037 lbs, Black Gull, Antwerp; 956 lbs, Quirigua, Havana
RUBBING—2,440 lbs, American Trader, London
WITCH HAZEL EXTRACT—4,959 lbs, American Trader, London
ZINC OXIDE—2,416 lbs, Samaria, Liverpool

Baltimore Exports

Clearance Dates

Angol, September 2; Capulin, September 5; City of Norfolk, September 3; Gertrude Maersk, September 2; Kinai, September 6; Navemar, September 8; Nojima, September 5

BLUE ALKALI—1,000 lbs, Nojima Maru, Kobe
ULTRAMARINE—(Kinai) 3,700 lbs, Osaka; 2,800 lbs, Kobe
FIRECLAY—74,766 lbs, Angol, Callao
GLASS FRIT, CRUSHED—15,000 lbs, City of Norfolk, London
LIQUID, CRUSHED—2,115 lbs, City of Norfolk, London
GREASE, LUBRICATING—(Kinai) 9,578 lbs, Yokohama; 102,929 lbs, Osaka
MAGNESITE, GRAIN—1,032,380 lbs, Angol, Callao
BRICK—37,749 lbs, Angol, Valparaiso
METHANOL—(Gertrude Maersk) 149,175 lbs, Osaka; 49,725 lbs, Yokohama
NICKEL SULPHATE—8,000 lbs, Gertrude Maersk, Kobe
OIL, CYLINDER—378 bbls, Navemar, Buenos Aires
LUBRICATING—5,806 gls, Kinai, Maru, Osaka
PARAFFIN BASE—105 bbls, Capulin, Dundee
PEPPERMINT—5,800 lbs, City of Norfolk, London
OYSTER SHELLS, CRUSHED—37½ tons, Capulin, Halifax
PARAFFIN—30,226 lbs, Gertrude Maersk, Shanghai; 22,669 lbs, City of Norfolk, Hamburg
PETROLATUM—28,125 lbs, City of Norfolk, London
POLISH, METAL—2,400 lbs, Gertrude Maersk, Manila
POTASH BICHROMATE—662 lbs, City of Norfolk, Memel
SODA, BICHROMATE—3,308 lbs, City of Norfolk, Memel; (Gertrude Maersk) 11,200 lbs, Osaka; 11,200 lbs, Kobe-Osaka
CAUSTIC—(Gertrude Maersk) 279,884 lbs, Manila; 14,000 lbs, Cebu
VERMICULITE ORE—2,000 lbs, City of Norfolk, Hamburg

Beaumont Exports

Clearance Dates

Erfurt, September 8; Marathon, September 8; Motrix, September 8; Silverbelle, September 4; Tortugas, September 8

LUBRICANTS—20 tons, Tortugas, Oslo
OIL, BATCHING—13,828 bbls, Silverbelle, Calcutta
PETROLEUM, CRUDE—83,000 bbls, Marathon, Montreal; 65,000 bbls, Motrix, Havre
ROSIN—(Erfurt) 25 tons, Loudon; 12 tons, Newcastle

Boston Exports

Clearance Dates

Black Heron, September 1; Evangeline, September 4; Saint John, September 4; Turrialba, September 5; Waukegan, August 31

ACETONE—3 dms, 1,050 lbs, to China
BAKING POWDER—2 bxs, 20 pls, and 11 crts, 2,660 lbs, to Newfoundland
BORAX—10 cs, 8,713 lbs, to Philippines
CARBON, BISULPHIDE—2 dms, 1,100 lbs, Turrialba, Havana
POWDERED—22 dms, 10,186 lbs, Turrialba, Havana
CEMENT, CAN—5 dms, 1,548 lbs, to Japan
RUBBER—7 bbls, 2,118 lbs, to Philippines
SHOE—4 cs, 120 lbs, Turrialba, Panama
DISINFECTANT—5 crtns, 44 lbs, to Newfoundland
DRAWING LUBRICANT—5 dms, 197 lbs, Waukegan, London
DRESSING, LEATHER—1 dm, 45 lbs, to Newfoundland
OILBOARD—1 cs, 30 lbs, Turrialba, Panama
SHOE—5 bbls, 250 gls, Turrialba, Havana; 1 half bbl, 25 gls, Waukegan, Zlin
FAT, WOOL—2 bbls, 860 lbs, to China
GLUE—1 pkg, 27 lbs, to Newfoundland
GREASE, LUBRICATING—2 bbls, 785 lbs, Evangeline, Yarmouth
SOAP—37 bbls, 14,958 lbs, Turrialba, Havana
INK, PRINTING—1 cs, 81 lbs, Waukegan, London; (Turrialba) 10 kits, 524 lbs, Havana; 10 dms, 4,584 lbs, Panama City
WRITING—5 bxs, 70 lbs, Turrialba, Coco Solo; 120 crtns, 1,499 lbs, to Newfoundland; 12 cs, 2,142 lbs, to Philippines; 480 bxs, 6,960 lbs, to China; 36 crtns, 409 lbs, to Hawaii
LARD—1,130 bxs, 62,150 lbs, Waukegan, Hamburg
LINING COMP—(Black Heron) 21 dms, 906 lbs, Antwerp; 1 dm, 561 lbs, Basel; 1 dm, 561 lbs, Thoune
MUCILAGE—1 crtn, 34 lbs, to Newfoundland
NITROGENOUS MEAL—200 bgs, 20,200 lbs, Black Heron, Rotterdam
OIL, FISH—100 dms, 5,500 gls, to Nova Scotia
LUBRICATING—3 dms, 1,320 lbs, Turrialba, Havana
TYPEWRITER—1 crtn, 8 lbs, to Newfoundland
WATER WHITE—100 bbls, 5,500 gls, to Newfoundland
PAINT—1 bx, 5 pls, 22 cs, 3,130 lbs, Turrialba, Havana; 4 cs, 268 lbs, to Newfoundland
PASTE, STATIONERS'—20 crtns, 246 lbs, to Newfoundland; 1 cs, 5 bxs, 298 lbs, to Philippines
POLISH—1 cs, 18 lbs, Turrialba, Panama
SHOE—9 crtns, 128 lbs, to Newfoundland; 10 cs, 385 lbs, Turrialba, Havana
STOVE—67 cs, 1,927 lbs, Saint John, St John
ROSIN—2 dms, 800 lbs, to China
SOAP, FLAKE—66 cs, 1,838 lbs, to Hawaii
LAUNDRY—1 dm, 482 lbs, to Newfoundland
POWDER—319 cs, 12,552 lbs, to Hawaii
TAR—88 cs, 2,212 lbs, to Hawaii
TOILET—275 cs, 6,702 lbs, to Hawaii
WOOL—10 cs, 8,712 lbs, to Philippines
VARNISH—3 cs, 16 gls, to Newfoundland
WASHING POWDER—10 bbls, 8,723 lbs, to Philippines
WATERPROOFING COMP—1 bg, 100 lbs, Waukegan, London
WAX, SEALING—1 cs, 104 lbs, to Philippines; 1 cs, 122 lbs, Turrialba, Havana
SHOE—2 cs, 83 lbs, Turrialba, Panama

Galveston Exports

Clearance Dates

Aquarius, September 3; Margaret Lykes, September 8; Nevada, September 4; Recco, September 4.

ASPHALT—20 tons, Aquarius, Havre
MOLYBDENITE—440 bbls, Nevada, Antwerp
OIL—8,000 tons, Recco, Tyrrhenian Sea Port
POTASH—500 tons, Margaret Lykes, Havana
SULPHUR—35 tons, Aquarius, Havre

Houston Exports

Clearance Dates

Aquarius, September 2; Atlantic City, September 1; Erinna, September 8; Kersten Miles, September 3; Manvantara, September 3; Minden, September 4; Nevada, September 3; Poseidone, September 3; Santos, September 8; Stureholm, September 8; Tenyo, September 4; Venice, September 4

BLACK, CARBON—(Aquarius) 50 cs, 1,200 bgs, 44 ctns, Havre; 50 cs, Dunkirk; 50 cs, 1,800 bgs, Antwerp; 313 bgs, Kersten Miles, Bremen; 40 tons, Nevada, Havre; (Minden) 200 tons, Bremen; 50 tons, Hamburg; (Tenyo) 60 cs, 150 bgs, Yokohama; 300 bgs, Kobe; (Venice) 101 tons, Yokohama; 41 tons, Osaka; 61 tons, Kobe; 28 tons, Shanghai; 16 tons, Tientsin; 10 tons, Yokohama-Osaka-Kobe; 105 cs, Stureholm, Gdynia; 40 cs, Santos, Darien
GREASE, LUBRICATING—30 bbls, Aquarius, Antwerp
OIL, GAS—8,400 tons, Erinna, Antwerp
LUBRICATING—295 dms, Atlantic City, Bombay; 65 bbls, Nevada, Dunkirk; (Santos) 150 dms, Yokohama; 220 dms, Osaka
PETROLEUM, CRUDE—9,500 tons, Poseidone, Fiume; 11,900 tons, Manvantara, Montreal
PRODUCTS—216 pkgs, Stureholm, Copenhagen

Lake Charles Exports

Clearance Dates

Bello, August 19; Colorado Springs, August 26; Gymeric, August 23; Mosli, August 21; Trocas, August 26; Waban, August 29

OIL, PINE—61 dms, Colorado Springs, Manchester
PETROLEUM, CRUDE—9,520 tons, Bello, Naples; 91,942 bbls, Mosli, Hamburg; 68,349 bbls, Gymeric, Hamburg; 76,282 bbls, Trocas, Montreal
ROSIN—300 bbls, Waban, London

Los Angeles Exports

Clearance Dates

Anna Maersk, August 27; Awobasan, August 29; Balboa, August 31; Buenos Aires, August 20; Coya, August 22; Drechtdijk, August 17; Emma Alexander, August 30; Fella, August 31; Maylayan Prince, August 27; Monterey, August 19; President Garfield, August 24; Rochelie, August 26; Willboro, August 29

ACID, BORIC—10 bgs, 1,120 lbs, Monterey, Sydney; 500 bgs, 56,000 lbs, Drechtdijk, Glasgow; 97 pkgs, 10,830 lbs, Rochelie, Vancouver
ASPHALT—374 sx, 80,640 lbs, Anna Maersk, Yokohama
BLACK, CARBON—15,750 lbs, Monterey, Sydney
LAMP, DRY—300 lbs, President Garfield, Hongkong
BORATE—1,700 bgs, 178,770 lbs, Monterey, Sydney
BORAX—1,470 lbs, Monterey, Sydney; 1,000 bgs, 112,000 lbs, Drechtdijk, Glasgow; 2,000 bgs, 224,000 lbs, Fella
GRANULAR—(Drechtdijk) 247 bgs, 27,660 lbs, Oporto; 40 bgs, 4,390 lbs, Piraeus
POWDERED—50 bgs, 5,600 lbs, Drechtdijk, Oporto; 99 bgs, 11,090 lbs, Alexandria
CLEANING COMP—400 lbs, Emma Alexander, Vancouver
DEXTRIN—10,000 lbs, Monterey, Sydney
GASOLINE—500 cs, 40,000 lbs, Maylayan Prince, Manila; 60 dms, 19,840 lbs, Coya, Tegucigalpa
GYPSUM ROCK, GRD—80,600 lbs, Drechtdijk, London
INFUSORIAL EARTH—(Buenos Aires) 111 bgs, 11,200 lbs, London; 336 bgs, 33,600 lbs, London
LACQUER—1,570 lbs, Balboa, Calgary
COLORED—(President Garfield) 650 lbs, Hongkong; 3,980 lbs, Manila
THINNER—220 lbs, Balboa, Calgary
LARD—27,750 lbs, Willkano, San Juan
MINERAL SPTS—75 dms, 35,220 lbs, Maylayan Prince, Shanghai
OIL, CEDARWOOD—410 lbs, Monterey, Sydney
DIESEL—20 dms, 7,800 lbs, Coya, Puntarenas
FUEL—7,364 bbls, 2,452,210 lbs, Awobasan, Kawasaki-Osaka
LUBRICATING—103 ctns, 10 hlf dms, 14 qtr dms, 9,560 lbs, Anna Maersk, Hongkong; 25 dms, Monterey, Sydney; 4 dms, 1,940 lbs, Coya, Tegucigalpa
PAINT, AUTO—1,090 lbs, Balboa, Calgary
THINNER—400 lbs, Coya, Lima
PETROLATUM—150 bbls, 58,500 lbs, Monterey, Sydney
PETROLEUM GAS, LIQ—62 cyls, 6,140 lbs, Rochelie, Vancouver
RESIN, SYNTH—1,070 lbs, Maylayan Prince, Hongkong
SAND, SILICATE—140 sks, 22,400 lbs, Monterey, Sydney
SCOURING COMP—1,310 lbs, President Garfield, Singapore
SOAP, POWDER—21 pkgs, 460 lbs, Rochelie, Vancouver
TOILET—200 lbs, President Garfield, Manila
SODA ASH—1,000 bgs, 220,460 lbs, Buenos Aires, Goteborg
CARBONATE—20 sks, 2,000 lbs, Monterey, Sydney
SULPHITE—40 sks, 4,000 lbs, Monterey, Sydney
TOILET PREPS—400 lbs, Monterey, Suva; (President Garfield) 680 lbs, Shanghai; 850 lbs, Singapore; 540 lbs, Bombay; 340 lbs, Manila; 180 lbs, Alexandria; 400 lbs, Cairo; (Fella) 600 lbs, Las Palmas; 100 lbs, Santa Cruz

New Orleans Exports

Clearance Dates

Atlantian, August 19; Jolee, September 5; Lucia C, September 12; Metapan, July 31; Morazan, July 2; Quistconck, August 27; Sinaloa, July 31; Waban, September 5; Wawa, July 2; Yselhaven, September 5

BLACK, CARBON—100 cs, Yselhaven, Bremen/Hamburg; 47 tons, Quistconck, Havre; (Atlantian) 5 cs, Liverpool; 30 tons, Manchester; 54 cs, Lucia C, Bourgas
BONEMEAL—5 sx, Metapan, Panama
CLAY, GRD—896 sx, Jolee, Trieste; (Quistconck) 72 tons, Havre; 27 tons, Havre/Antwerp; 27 tons, Atlantian, Manchester; 600 sx, Waban, Havre
COTTONSEED PULP—69 tons, Atlantian, Manchester
GASOLINE—20 dms, 50 cs, Sinaloa, Bluefields
GLUCOSE—13 bbls, Metapan, Havana
GREASE, LUBRICATING—5 hf dms, 20 qtr dms, Metapan, Havana
INK—8 dms, Metapan, Havana
INSECTICIDE—8 dms, Metapan, Puerto Colombia; 8 dms, Lucia C, Salonica
KEROSENE—24 dms, 30 ctns, Metapan, Puerto Limon; 65 cs, Sinaloa, Bluefields
LARD—(Metapan) 337 tins, Havana; 150 tins, Panama; 800 tins, Puerto Colombia; 70 crts, 10 cs, Buenaventura
LEATHER DRESSING—2 tons, Morazan, Vera Cruz
MAGNESIA CHLORIDE—12 dms, Morazan, Vera Cruz
OIL, FUEL—77 dms, Sinaloa, Bluefields
LUBRICATING—15 dms, Metapan, Havana; 4 cs, Sinaloa, Bluefields; 32 tons, Quistconck, Havre; (Atlantian) 50 tons, Liverpool; 48 tons, Manchester
PETROLEUM, CRUDE—(Yselhaven) 82 bbls, Hamburg; 56 bbls, Rotterdam
PINETAR—10 dms, Wawa, Alvaro Obregon
ROSIN—10 dms, Metapan, Puerto Limon
GUM—60 bbls, Metapan, Panama City
SALT—(Metapan) 40 tons, 7 bbls, Havana; 23 tons, Cristobal
SHRIMP BRAN—(Metapan) 20 sx, Cristobal; 40 sx, Panama
SOAPSTOCK, COTTONSEED—41 tons, Atlantian, Manchester
TRIPOLI—135 tons, Atlantian, Manchester
TURPENTINE—7 dms, 18 cs, Metapan, Havana
WAX—50 sx, Metapan, Havana; 28 tons, Atlantian, Manchester; 399 sx, Lucia C, Trieste

Norfolk Exports

Clearance Dates

Capulin, September 9; City of Norfolk, September 4; Janna, September 10; Malaren, September 9; Manaar, September 8

BONE, SCRAP—2,170 bgs, 154,820 lbs, City of Norfolk, Hamburg
CORN SUGAR—600 bgs, 60,600 lbs, Manaar, London
MICA, PULV—(City of Norfolk) 50 bgs, 5,050 lbs, London; 50 bgs, 5,050 lbs, Hamburg
OCHER—120 bgs, 68,040 lbs, Capulin, Leith
POTASH MURIATE—500 bgs, 110,230 lbs, Malaren, Gothenburg
SODA, CAUSTIC—8,000 dms, 5,600,000 lbs, Janna, Santos
TANNING EXTRACT, LIQ—40 bbls, 23,623 lbs, Capulin, London

Philadelphia Exports

Clearance Dates

Angol, September 4; Black Heron, September 8; Breedyk, September 8; Bronte, September 4; Cliffwood, September 3; Dundrum Castle, September 8; East Indian, September 9; Isarco, September 8; Kinai, September 4; Kota Pinang, September 3; Kurama, September 13; Manchester Exporter, September 8; Pennsylvania, September 15; Quaker City, September 9; Sea Glory, September 4; Seneff, September 9; Steel Seafarer, September 3; Westmoreland, September 10; Yomachichi, September 3

ACETONE—12 dms, Yomachichi, Sydney
ALCOHOL, ETHYL—1 bx, Black Heron, Schiedam
BLACK, CARBON—50 dms, Kinai Maru, Osaka
CEMENT, FIBER—(East Indian) 2 dms, Santos; 6 dms, Buenos Aires
RUBBER—(East Indian) 2 dms, Santos; 1 pl, 13 dms, Buenos Aires
CHLORINE, LIQ—33 cyls, Pennsylvania, Cristobal
CHLOROPRENE—5 bxs, Manchester Exporter, Manchester
CLEANING COMP—3 dms, Cliffwood, Copenhagen

COALTAR PROD—24 dms, Manchester Exporter, Huddersfield
COCOA CAKE—560 bgs, Black Heron, Amsterdam
WASTE—1,687 bgs, Black Heron, Amsterdam
COLORS, COALTAR—10 dms, Manchester Exporter, Manchester
DYESTUFFS—98 pkgs, Black Heron, Antwerp
DYEWOOD EXTRACT—1 bx, Westmoreland, Sydney
ENAMEL—1 ctn, Breedyk, Amsterdam
ETHYL FLUID—20 dms, Angol, Valparaiso
FIRECLAY, GRD—45 dms, 100 bgs, 1 ctn, Breedyk, Rotterdam
GASOLINE—(Bronte) 360 cs, Iquitos; 700 cs, Maranhao; 3,300 cs, Ceara; 3,300 cs, Natal
GLASS, PLATE—5 cs, Pennsylvania, Cristobal
WINDOW—305 bxs, Pennsylvania, Cristobal
WIRE, RIBBED—3 cs, Pennsylvania, Cristobal
GREASE—(East Indian) 1 pl, 13 dms, Santos; 21 dms, Buenos Aires
LUBRICATING—(Kota Pinang) 6 dms, Penang; 30 pls, Bangkok; 25 dms, Cliffwood, Gothenburg; 35 cs, 10 bkts, Bronte, Maceio; 1 dm, Manchester Exporter, Liverpool; (Breedyk) 1 ctn, 8 bbls, 4 dms, Amsterdam; 3 dms, Rotterdam; 2 qr dms, 10 cs, Westmoreland, Brisbane
INSECTICIDE—69 ctns, Yomachichi, Melbourne; 10 dms, Pennsylvania, Panama
KEROSENE—(Bronte) 500 cs, Iquitos; 2,500 cs, Natal; 100 dms, Seneff, Bay Roberts
LICORICE MASS—20 cs, Sea Glory, Bristol; 3 cs, Kota Pinang, Cheribon; 50 cs, Yomachichi, Melbourne; (Black Heron) 30 cs, Rotterdam; 20 cs, Antwerp; (Westmoreland) 17 cs, Sydney; 17 cs, Melbourne
LINSEED CAKE—5,482 bgs, Black Heron, Rotterdam
OIL, ENGINE—45 dms, Kinai Maru, Moji
FUEL—300 cs, Bronte, Ceara; 200 dms, Seneff, Bay Roberts
ILLUMINATING—45 bbls, Cliffwood, Copenhagen; (Bronte) 2,500 cs, Para; 1,800 cs, Manhao; 2,200 cs, Ceara; 4,500 cs, Pernambuco; 2,500 cs, Maceio; 5,000 cs, Bahia
LUBRICATING—251 dms, Angol, Valparaiso; 6 bbls, Sea Glory, Cardiff; (Kota Pinang) 95 dms, 327 pkgs, Penang; 117 pkgs, Port Swettenham; 324 pkgs, Singapore; 325 pkgs, 127 dms, Bangkok; (Yomachichi) 70 pkgs, Sydney; 5 dms, 1,765 pkgs, Melbourne; 1,035 pkgs, Adelaide; 15 pkgs, Geelong; 10 pkgs, Hobart; 25 pkgs, Launceston; (Cliffwood) 25 dms, 15 bbls, Copenhagen; 20 dms, Gothenburg; 114 pkgs, 709 bbls, Helsingfors; 62 pkgs, Steel Seafarer, Shanghai; (Bronte) 5 cs, Iquitos; 32 pkgs, Maranhao; 20 dms, 5 cs, Natal; 50 ctns, Pernambuco; 123 pkgs, Bahia; 62 pkgs, Parnahyba; 38 pkgs, Manaos; (Dundrum Castle) 1,450 pkgs, Durban; 1,310 pkgs, Capetown; 750 pkgs, Port Elizabeth; 1,055 pkgs, East London; 520 pkgs, Beira; 4,791 pkgs, Lourenco Marques; 564 pkgs, Pounte de Galet; 268 pkgs, Port Louis; (Pennsylvania) 2 bbls, Puerto Columbia; 8 dms, Callao; (Isarco) 190 pkgs, 500 dms, Naples; 130 pkgs, Genoa; (Black Heron) 90 dms, Rotterdam; 25 ctns, Antwerp; 4 pkgs, Basle; (Manchester Exporter) 265 bbls, Liverpool; 175 pkgs, Birkenhead, 255 bbls, Manchester; (Breedyk) 4 ctns, 1 dm, Amsterdam; 68 bbls, 3 dms, 10 pkgs, Rotterdam; 4 dms, Kinai, Osaka; (Westmoreland) 25 dms, 767 pkgs, Sydney; 5 bbls, 64 dms, 998 pkgs, Melbourne; 43 dms, 30 qtr drums, 50 porpails, 1,072 pkgs, Brisbane; 20 pkgs, Adelaide; 10 pkgs, Townsville; 5 pkgs, Cairns; 225 pkgs, Newcastle; 100 dms, Kurama, Shanghai
NEATSFOOT—10 bbls, Cliffwood, Helsingfors
TRANSFORMER—75 bbls, Manchester Exporter, Birkenhead
PAINT—20 kits, Pennsylvania, Cristobal; 1 dm, Manchester Exporter, Liverpool; (East Indian) 1 cs, 31 dms, 97 pails, Santos; 2 cs, 551 pails, 74 dms, Buenos Aires; 10 ctns, Breedyk, Amsterdam
PARAFFIN—220 bgs, Angol, Callao; 431 bbls, 204 bgs, Sea Glory, Bristol; 50 bgs, Pennsylvania, Cartagena; 131 bbls, Quaker City, Liverpool; 204 bgs, Black Heron, Antwerp; 50 bgs, 840 bbls, Manchester Exporter, Manchester; 1,100 bgs, Kinai, Dairen
PETROLATUM—(Yomachichi) 5 bbls, Brisbane; 50 bbls, Sydney; 40 bbls, Melbourne
POLISH—(East Indian) 3 pails, Santos; 6 pails, Buenos Aires
POMACE, APPLE—200 bgs, Sea Glory, Bristol
SAND, FILTER—(Kinai) 42 dms, Yokohama; 30 dms, Kobe
SODA ASH—1 crate, Kinai, Osaka
BICHROMATE—(East Indian) 1 pail, Santos; 3 pails, Buenos Aires
TANNING EXTRACT, LIQ—10 bbls, Manchester Exporter, Manchester
MATERIAL, DRY—26 bbls, Westmoreland, Melbourne
TITANIUM ORE—18 bbls, Quaker City, Liverpool

San Francisco Exports

Clearance Dates

Canada, August 21; Cape Horn, August 20; Chichibu, August 26; Chiriqui, August 20; Coya, August 20; Cuba, August 24; Kingsley, August 21; Laurits Swenson, August 24; Mactra, August 26; Maunganui, August 26; Point Judith, August 24; President Lincoln, August 22; President Taft, August 21; San Ramon, August 23; Santa Rosa, August 21; Sinaloa, August 24; Steel Voyager, August 21

ABRASIVE COMP—1 pkg, Sinaloa, Mazatlan
ACID, ACETIC—1 pkg, Coya, Manzanillo
BORIC—30 sks, Santa Rosa, Havana
FATTY—440 sks, Santa Rosa, Tumaco; 300 sks, Santa Rosa, San Jose de Guatemala
NITRIC—1 cs, Santa Rosa, Mazatlan; 1 cs, Sinaloa, Guaymas
AMMONIA—2 cs, President Taft, Manila
ANHYDROUS—200 cyls, Point Judith, Tampico; (Sinaloa) 3 cyls, La Paz; 20 cyls, Guaymas; 47 cyls, Cuba, Costa Rica
ANISEED—(Coya) 2 sks, Puntarenas; 2 sks, Amapala
APRICOT KERNELS—100 sks, Canada, Malmo
ASPHALT—(Coya) 10 dms, Callao 457 dms, La Union (Cape Horn) 53 dms, Melbourne; 10 dms, Sydney; 357 dms, Maunganui, Sydney
BAKING POWDER—10 cs, Santa Rosa, La Libertad; 2 cs, President Taft, Manila
BENZOLENE—(Cape Horn) 15 dms, Sydney; 60 dms, Melbourne; 5 dms, Auckland
BITUMEN, MINERAL—212 bbls, Steel Voyager, England
BLACK, BONE—2 cs, Santa Rosa, Mazatlan
CARBON—1,120 sks, Cape Horn, Melbourne; 200 cs, Maunganui, Sydney
BONE ASH—1 bbl, Coya, Puntarenas; 4 cs, Santa Rosa, Mazatlan
FLOUR—1,600 sks, Kingsley, Vaucouver
MEAL—400 sks, Kingsley, Vaucouver
BORAX—(Santa Rosa) 2 sks, San Jose de Guatemala; 40 sks, Havana; 40 dms, Lossiebank, Philippine Islands
CALCIUM CHLORIDE—1 dm, Cuba, Colombia
CARBON BISULPHIDE—(Coya) 14 dms, Corinto; 15 dms, San Salvador; (Sinaloa) 160 dms, Mazatlan; 25 dms, Culican
CEMENT, PREP—1 cs, Santa Rosa, Mazatlan
UPHOLSTERY—3 dms, Maunganui, Wellington
CHEMICALS—1 cs, Lossiebank, Philippine Islands; 11 crts, Maunganui, Wellington
CHLORINE BLEACH, LIQ—3 cs, President Taft, Manila; 13 cyls, Coya, San Salvador; (Lossiebank) 45 cyls, Philippine Islands; 200 cyls, Lossiebank, China
CINNAMON—(Coya) 3 bls, Puntarenas; 4 bls, Amapala; 5 bls, San Cristobal; 10 bls, San Miguel; 3 bls, Santa Rosa, La Libertad; 1 bl, President Taft, Manila; 11 bls, Sinaloa, Guaymas; 6 bls, Cuba, Nicaragua
CLEANSER—5 cs, President Taft, Manila
CLOVES—2 sks, Coya, Puntarenas; 1 bg, 1 bl, Santa Rosa, San Jose de Guatemala; 2 bls, Sinaloa, Guaymas; 2 sks, Cuba, Nicaragua
COALTAR—(Coya) 15 dms, La Union; 1 dm, Champerico; (Sinaloa) 10 cs, Puerto Angel; 2 dms, 4 bbls, La Paz
COLOR, DRY—2 bbls, Coya, Guadalajara; 1 bbl, Santa Rosa, San Jose de Guatemala; 4 bbls, Cuba, Mexico
FOOD—1 cs, President Taft, Hongkong
COPRA—444,960 lbs in bulk, 1,910 sks, Manzanillo
MEAL—(Canada) 941 sks, Helsingfors; 900 sks, Malmo
CORKS—10 cs, President Taft, Manila
CRAYONS—2 cs, Lossiebank, Philippine Islands
CUMIN SEED—2 sks, Coya, Amapala
CYANIDE—1 cs, Sinaloa, Topolobampo
DISTILLATE—20 dms, Lossiebank, China
EMERY—45 kegs, Chichibu, Harbin
BRICKS—1 cs, Sinaloa, La Paz
EPSOM SALT—200 sks, Sinaloa, La Paz
FERROMANGANESE—24 tons, President Taft, Manila
FIRECLAY—1 bg, Coya, Antofagasta
FIRE EXTINGUISHER CHARGES—1 cs, Sinaloa, La Paz
FLAVORING EXTRACT—4 cs, President Taft, Manila
SYRUP—18 cs, Maunagnui, Wellington
FULLER'S EARTH—1,600 sks, Coya, Talara
GAS, CARBONIC — 20 cyls, President Taft, Philippine Islands
GASOLINE—(Coya) 1,691 dms, 511 cs, Puntarenas; 25 dms, San Jose de Guatemala
GELATIN—1 bbl, President Taft, Hongkong
GLASS, BROKEN—80,500 lbs, President Taft, Hongkong
SHEET—4 cs, President Taft, Manila
GLYCERIN—4 kegs, Santa, Rosa, Mazatlan; 30 cs, President Taft, Manila
GREASE, LUBRIC — (Coya) 28 dms, 30 cs, Buenaventura; 45 pls, Manzanillo; (Cape Horn) 10 dms, Sydney; 10 dms, Wellington; 30 dms, Auckland; (President Taft) 50 dms, Yokohama; 5 dms, Manila; 3 dms, 1 keg, 7 pls, 1 cs, Kingsley, Vancouver
HEXALIN—2 dms, Maunganui, Melbourne
HOPS—40 cs, Lossiebank, Philippine Islands
HYDROGEN, PEROXIDE—(Cape Horn) 83 cs, Auckland; 22 cs, Dunedin; 22 cs, Lyttleton
INK—5 kits, Sinaloa, Guaymas
MIMEOGRAPH—1 cs, Laurits Swenson, Oslo
PRINTING—45 dms, Coya, Valparaiso; (President Taft) 5 dms, 1 cs, Shanghai; 30 bbls, Hongkong; (Kingsley) 1 cs, Victoria; 10 pls, Vancouver; 2 kits, Sinaloa, Guaymas
INSECTICIDE—1 cs, Santa Rosa, San Jose de Guatemala; 8 cs, Sinaloa, Culiacan; 3 pkgs, Coya, Buenaventura; 190 cs, Maunganui, Wellington; 30 dms, 1 cs, Cape Horn, Wellington
KEROSENE—30 dms, Chiriqui, Puerto Armuelles; 50 cs, Coya, Punarenas
LACQUER—28 pls, 2 cs, Coya, Mexico; 1 cs, Santa Rosa, San Jose de Guatemala; 16 cs, President Taft, Manila
PASTE—1 cs, President Taft, Tokio
THINNER—2 pls, Coya, Mexico; 56 cs, President Taft, Manila
LARD, SUBSTITUTE—100 cs, Santa Rosa, La Paz
VEGETABLE—100 tins, Chiriqui, Cristobal
LEAD, RED—50 kegs, President Taft, Manila
RED, DRY—5 dms, President Taft, Manila; 3 dms, Kingsley, Vancouver; 24 kegs, Sinaloa, Topolobampo
WHITE—500 kegs, President Taft, Manila
LEMON EXTRACT—1 pkg, President Taft, Manila
LITHARGE—11 dms, 30 bbls, 20 kegs, President Taft, Manila; 2 dms, Kingsley, Vancouver; 1 pl, Sinaloa, Topolobampo
LITHOPONE—14 bbls, Maunganui, Dannevirke
MEDICINAL PREP'S—1 cs, President Taft, Hongkong; 3 cs, Lossiebank, Philippine Islands; (Maunganui) 4 cs, Christchurch; 8 cs, Felbourne
MILK POWDER—7 cs, Chiriqui, Panama; 1 cs, 15 bbls, Santa Rosa, Panama; 5 bbls, President Taft, Manila
MINERAL SP'TS—4 dm, Coya, Manzanillo
NAPHTHA—(Cape Horn) 100 dms, Sydney; 150 dms, Melbourne
NICOTINE—1 cs, President Taft, Yokohama
NITROCELLULOSE—2 dms, Kingsley, Victoria
NUTMEGS—1 bg, Santa Rosa, La Libertad
OAK EXTRACT—84 bbls, Chichibu, Kobe
OCHER—1 bbl, Santa Rosa, San Jose de Guatemala
OIL, CLUTCH—1 crts, Maunganui, Sydney
COCONUT — 20 dms, Coya, Puntarenas; 24 bbls, Cape Horn, Lyttleton; 56 dms, Santa Rosa, San Jose de Guatemala; 20 dms, Cuba, Peru; 2 cs, Maunganui, Lyttleton
CYLINDER—7 dms, President Taft, Hongkong
DIESEL—40 dms, Coya, Teguchigalpa; 219 tons, Lossiebank, China; 56,510 bbls, Mactra, Kobe
FISH—9 dms, Coya, Valparaiso
FUEL—1 dm, Coya, Amapala
GOVERNOR—2 cs, Coya, Acajutla
INDUSTRIAL—3 dms, Santa Rosa, La Libertad
LINSEED—1 dm, Sinaloa, La Paz
LUBRICATING — (Coya) 85 dms, Buenaventura; 208 cs, 78 dms, Manzanillo; 4 dms, Champerico; 40 dms, Amapala; (Cape Horn) 70 dms, Auckland; 308 dms, Melbourne; 5 dms, Dunedin; 285 dms, Sydney; 20 dms, Lyttleton; 45 dms, Santa Rosa, Guayaquil; (President Taft) 257 dms, 1 cs, Hongkong; 300 dms, Yokohama; 200 dms, Moji; 300 dms, Kobe; 25 dms, Shanghai; 75 dms, Kingsley, Vancouver; 2 dms, Sinaloa, La Paz; (Maunganui) 20 dms, Sydney; 1 cs, Raro-tonga; (Chichibu) 5 dms, 6 cs, Yokohama; 20 dms, Kobe; 50 dms, Osaka; 3,492 bbls, Mactra, Yokohama
NEATSFOOT—2 cs, President Taft, Manila
SALAD—(President Taft) 70 cs, Manila; 165 cs, Shanghai; 13 cs, Hongkong; 5 cs, Sinaloa, Guaymas
ORTHOPEDIC REMEDIES—7 cs, Maunganui, Newtown
OXIDE, RED—6 pkgs, President Taft, Manila
OXYGEN—6 cyls, Coya, Puntarenas
PAINT—(Coya) 5 kgs, 10 cs, Puntarenas; 3 kgs, Champerico; 30 pls, Callao; 82 pls, 4 dms, Mexico City; 10 pls, Mexico; 4 cs, Cape Horn, Auckland; (Santa Rosa) 98 cs, 2 dms, Colon; 49 cs, 15 kgs, San Jose de Guatemala; 96 cs, President Taft, Manila; (Sinaloa) 5 cs, Acapulco; 10 cs, Hermosillo; 23 kgs, Lossiebank, Philippine Islands; (Maunganui) 18 cs, 46 dms, Dannevirke; 2 cs, Wellington; 5 dms, Sydney; 1 cs, Lyttleton
ALUMINUM—1 cs, 20 kgs, Santa Rosa, San Jose de Guatemala
COLDWATER—2 bbls, Sinaloa, Topolobampo
ENAMEL—41 pls, Coya, Mexico; 5 cs, Kingsley, Vancouver; 4 cs, Sinaloa, Hermosillo
PASTE—1 cs, Santa Rosa, San Jose de Guatemala; 1 cs, Sinaloa, Hermosillo
PREPARED—5 cs, Santa Rosa, Mazatlan; 9 cs, Maunganui, Wellington
THINNER—1 cs, Sinaloa, Hermosillo; 18 cs, Lossiebank, Philippine Islands
PARAFFIN, WHITE—250 sks, Cuba, Peru
PECTIN, FRUIT—3 cs, President Taft, Manila
PEPPER—3 sks, Coya, Puntarenas; 26 sks, Santa Rosa, San Jose de Guatemala; 31 sks, Sinaloa, Guaymas; 4 sks, Cuba, Nicaragua
BLACK—2 sks, Coya, Amapala
PETROLEUM—(Cape Horn) 50 cs, Auckland; 57 dms, Sydney; 60 dms, Melbourne; 200 dms, President Taft, Kobe
CRUDE—62,000 bbls, San Ramon, Japan
PRODUCTS—1 dm, Coya, Buenaventura; 1 cs, Cape Horn, Melbourne
REFINED—100 cs, Maunganui, Rarotonga
POLISH, AUTO—1 cs, President Taft, Manila; 1 cs, Lossiebank, Philippine Islands
FURNITURE—1 cs, Santa Rosa, San Jose de Guatemala
METAL—2 cs, Coya, Puntarenas; (Sinaloa) 6 cs, Mazatlan; 2 cs, Guaymas; 20 pkgs, Lossiebank, China
SHOE—3 cs, President Taft, Manila
POTASH ETHYL XANTHATE—15 dms, Chiriqui, Coquimbo
PRESERVER, WOOD—1 cs, Santa Rosa, San Jose de Guatemala
PUTTY—1 dm, President Taft, Manila; 2 cs, Lossiebank, Philippine Islands; 12 cs, Maunganui, Wellington
QUEBRACHO EXTRACT—63 sks, Cape Horn, Melbourne
RESIN, SYNTH—Maunganui, Wellington
ROSIN—1 cs, President Taft, Hongkong
GUM—70 bbls, Maunganui, Dannevirke
LIQUID—39 dms, Cape Horn, Wellington
WOOD—40 bbls, Maunganui, Dannevirke
SALT—1,000 pkgs, Cape Horn, Buff; 20 cs, President Taft, Shanghai; 2,480 sks, 525 tons, Kingsley, Vancouver; 10 cs, Sinaloa, Guaymas; 320 sks, Cuba, Costa Rica; 100 cs, Maunganui, Wellington
IODIZED—(Maunganui) 1,200 pkgs, Wellington; 400 pkgs, Sydney
SULPHATE—1,800 pkgs, Maunganui, Sydney
SHELLAC COMP—11 cs, Kingsley, Vancouver
SILICA SAND—50 sks, President Taft, Manila
SOAP—2 cs, President Taft, Hongkong
FLAKE—2 cs, President Taft, Manila
POWDER—2 cs, President Taft, Manila
TOILET—(President Taft) 1 cs, Yokohama; 1,500 cs, Shanghai
SODA—6 cs, Santa Rosa, Mazatlan
ASH—20 sks, Coya, Acajutla; 2 sks, Santa Rosa, La Libertad; 200 sks, Sinaloa, Mazatlan; 20 bbls, Lossiebank, Philippine Islands
BICARBONATE — 10 cs, President Taft, Manila
CAUSTIC—27 dms, Coya, San Juan; 62 dms, Sinaloa, Acapulco
CYANIDE—400 dms, Santa Rosa, Mazatlan
NITRATE—(Cape Horn) 10 kgs, Christchurch; 10 kgs, Nelson
SILICATE—3 dms, President Taft, Manila; 42 dms, 5 bbls, Kingsley, Vancouver
SULPHIDE—2 dms, Coya, San Miguel; 2 dms, Santa Rosa, La Libertad
STARCH, CORN—25 cs, President Taft, Hongkong
POTATO—1 bg, Coya, Puntarenas
SULPHUR—2 sks, Sinaloa, La Paz; 1,160 sks, Maunganui, Wellington
ATOMIC—65 kgs, Maunganui, Hobart
DIATOMIC—5 cs, Maunganui, Hobart
DIOXIDE—1 cyl, Chichibu, Yokohama
GROUND—66 sks, Cape Horn, Lyttleton
FLOWERS—6 sks, Santa Rosa, San Jose de Guatemala
REFINED—(Maunganui) 15 sks, 1 bbl, Wellington; 300 sks, Sydney
ROLL—6 bbls, Coya, Acajutla
SURFACER—2 pls, Coya, Mexico; 12 pls, Maunganui, Wellington
TALC—140 sks, Kingsley, Vancouver
TALLOW, INED—(Santa Rosa) 120 dms, San Jose de Guatemala; 202 dms, Havana
TANBARK—840 sks, President Taft, Osaka
TAPIOCA—3 sks, Coya, Puntarenas; 3 sks, Santa Rosa, San Jose de Guatemala; 12 sks, Sinaloa, Guaymas
TAR—3 dms, Maunganui, Sydney
TINNING COMP—1 cs, Maunganui, Napier
TOILET PREPS—1 cs, Lossiebank, Philippine Islands; 2 cs, Coya, Corinto; 8 cs, Maunganui, Wellington; 39 cs, President Taft, Hongkong
TREE WASH—(Maunganui) 421 cs, 25 dms, Wellington; 100 cs, Hobart
TURPENTINE SUBSTITUTE—(Cape Horn) 70 dms, Auckland; 200 cs, Melbourne
VANILLA EXTRACT—1 kg, 5 cs, Maunganui, Wellington
VARNISH—(Coya) 1 dm, Mexico; 5 dms, Mexico City; 3 cs, Santa Rosa, San Jose de Guatemala; 4 cs, President Taft, Manila; 2 cs, Sinaloa, Hermosillo; 4 cs, Lossiebank, Philippine Islands
WATER, MINERAL—10 cs, President Taft, Manila
WAX—2 cs, Santa Rosa, San Jose de Guatemala; (President Taft) 1 cs, Shanghai; 17 sks, Osaka; 1 pl, President Lincoln, Havana
YEAST—(President Taft) 100 cs, Yokohama; 100 cs, Kobe; 8 cs, Shanghai
ZINC DUST—(Coya) 10 cs, La Union; 175 dms, Manzanillo
POWDER—1 bbl, Sinaloa, La Paz

Savannah Exports

Clearance Dates

Elswick Park, September 5; Marianna O, September 5; Phemius, August 31; Shickshinny, September 8; Talisse, September 9

DEER TONGUE LEAVES—13 bls, Shickshinny, Antwerp
OIL, PINE—(Talisse) 15 dms, Batavia; 5 dms, Semarang
ROSIN, GUM—(Phemius) 50 bbls, Manila; 300 bbls, Shanghai; (Shickshinny) 1,400 bbls, London; 205 bbls, Hamburg; (Talisse) 275 bbls, Batavia; 10 bbls, Padang; 120 bbls, Cheribon; 400 bbls, Semarang; 522 bbls, Sourabaya; 15 bbls, Macassar
WOOD—155 bbls, Phemius, Manila; (Talisse) 50 bbls, Belawan Deli; 10 bbls, Olehleh; 4 bbls, Singapore; 300 bbls, Batavia; 20 bbls, Sibolga; 250 bbls, Cheribon; 352 bbls, Semarang; 200 bbls, Sourabaya; 10 bbls, Samarinda
TURPENTINE, GUM — (Shickshinny) 3,395 bbls, London; 1,250 bbls, Rotterdam; 30 cks, Antwerp; (Talisse) 15 cs, Semarang; 35 cs, Sourabaya

Tampa Exports

Clearance Dates

Eidsvold, September 3; General Tosta, September 3; Yselhaven, September 1

GASOLINE—12 dms, General Tosta, Belize
PARAFFIN—1 dm, General Tosta, Belize
PHOSPHATE—4,198 tons, Yselhaven, Antwerp; 4,000 tons, Eidsvold, Yokohama

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—2,499 bbls, Hadnot, New York; 1,067 bbls, Cities Service Ohio, Baytown
GAS—66,135 bbls, Hadnot, New York
PETROLEUM, CRUDE—94,922 bbls, Dannedaike, Texas City; 148,549 bbls, John D Archbold, Baytown; 112,147 bbls, Beacon, Baytown; 55,186 bbls, Alabama, Port Arthur; 65,716 bbls, Franklin D. Lane, Baytown; 145,166 bbls, G Harrison Smith, Baytown; 49,757 bbls, Thermo, Texas City; 87,618 bbls, William F Humphrey, New York; 78,659 bbls, Swiftscout, Baytown; 71,396 bbls, Pat Doheny, New York; 75,796 bbls, S B Hunt, Baytown

Los Angeles Coast Trade

DISTILLATE—50,058 bbls, Paul Shoup, Avon
GASOLINE—5,386 bbls, S & C No 2, San Diego; 37,071 bbls, Edwin B de Golio, Portland; 10,558 bbls, Tejon, Portland; 42,348 bbls, Utacarbon, Oleum; 32,022 bbls, Utacarbon, Martinez; 27,729 bbls, Brandywine, San Francisco; 4,797 bbls, S & C No 41, San Diego; 51,700 bbls, Kekoskee, Seattle; 3,518 bbls, Emidio, Portland; 75,000 bbls, Lebec, Seattle; 5,619 bbls, S & C No 2, San Diego; 5,267 bbls, S & C No 2, San Diego; 4,425 bbls, S & C No 41, San Diego; 55,695 bbls, Arizona, San Francisco; 65,137 bbls, Mojave, Portland; 56,321 bbls, Brandywine, San Francisco; 30,681 bbls, Edwin B de Golio, San Francisco; 7,216 bbls, Emidio, Portland; 39,310 bbls, Warwick, Portland-Seattle; 5,548 bbls, Tejon, Seattle; 5,545 bbls, S & C No 2, San Diego; 80,000 bbls, Antietam, Fall River; 11,995 bbls, Deroche, Paulsboro
KEROSENE—838 bbls, Warwick, Portland-Seattle
OIL, DIESEL—2,028 bbls, Tejon, Portland; 4,652 bbls, Kekoskee, Seattle; 3,524 bbls, Emidio, Portland; 18,316 bbls, Mojave, Portland; 7,774 bbls, Tejon, Seattle
FUEL—57,003 bbls, Tejon, Portland; 51,000 bbls, Cuyama, San Diego; 7,447 bbls, James Griffiths, Tacoma; 69,096 bbls, Los Angeles, Astoria; 60,953 bbls, Emidio, Portland; 8,000 bbls, Lebec, Seattle; 53,474 bbls, La Brea, Seattle; 65,000 bbls, Richmond, Seattle; 44,777 bbls, Castana, Seattle; 5,834 bbls, Mojave, Portland; 52,282 bbls, Brazos, San Francisco; 4,890 bbls, Carriso, Seattle; 60,102 bbls, Emidio, Portland; 55,197 bbls, Tejon, Seattle
FURNACE—2,338 bbls, Warwick, Portland-Seattle
PETROLEUM, CRUDE—73,862 bbls, Los Angeles, Oleum
SOLVENT, CLEANING—1,827 bbls, Warwick, Portland-Seattle; 60,158 bbls, Deroche, Paulsboro

San Francisco Coast Trade

ACID—60 crbys, Ernest H Meyer, Portland, Ore
ALBUMEN, EGG HEN, DRIED—56 cs, West Ira, Seattle
28 bbls, President Lincoln, New York
ALUMINA SULPHATE—600 sks, West Ira, Portland, Ore
50 tons, Eastern Glade, Portland, Ore
600 sks, Ernest H Meyer, Long View
400 sks, West Shipper, Portland, Ore
AMMONIA—2 cs, Hawaiian, Seattle
APRICOT KERNELS—10 tons, J L Luckenbach, New York
182 sks, Alaskan, New York
ASPHALT—4 dms, 50 kgs, Kentuckian, Portland, Ore
195 bbls, Santa Rosa, New York
140 bbls, West Shipper, Portland, Ore
BONE, COAL—18 tons, Californian, New York
MEAL—800 sks, West Ira, Portland, Ore
200 sks, Brookings, Seattle
2,000 sks, Peter Helms, Seattle
300 sks, West Shipper, Portland, Ore
BRISTLES—80 cs, Lewis Luckenbach, New York
55 cs, West Shipper, Portland, Ore
CARBON TETRACHLORIDE — 1 dm, Hawaiian, Seattle
CEMENT, LIQUID—60 dms, West Ira, Portland, Ore
CHEMICALS—3 cs, Point Estero, Houston
CHLORINE BLEACH, LIQUID—700 cs, West Ira, Portland, Ore
900 cs, Brookings, Tacoma
600 cs, Peter Helms, Seattle
49 tons, J L Luckenbach, New York
112 tons, J L Luckenbach, Boston
2,200 cs, Pennsylvanian, New York
3,500 cs, Pennsylvanian, Philadelphia
240 tons, Felix Taussig, Baltimore
111 tons, Julia Luckenbach, Boston
2,000 cs, Willkeno, Baltimore
48 tons, Harry Luckenbach, New York
CLAY, CALC—500 sks, Iowan, New York
500 sks, Alaskan, New York
CLEANING COMPOUND—9 cs, Hawaiian, Seattle
COCONUT, DESIC—301 cs, Lena Luckenbach, Mobile
284 cs, Julia Luckenbach, New York
471 cs, Julia Luckenbach, Philadelphia
229 cs, Willkeno, Savannah
4 tons, Peter Kerr, Norfolk
924 cs, Harry Luckenbach, New York
100 cs, Harry Luckenbach, Boston
202 cs, Harry Luckenbach, Philadelphia
246 tons, California, New York
927 cs, Lewis Luckenbach, New York
15 cs, Kentuckian, Portland, Ore
3,990 cs, President Lincoln, New York
700 cs, President Lincoln, Boston
200 cs, Alaskan, Boston
598 cs, Lena Luckenbach, Houston
941 cs, Lena Luckenbach, New Orleans
COPPERAS—1 bbl, Hawaiian, Seattle
CORE COMPOUND, LIQUID—11 tons, J L Luckenbach, New York
CRACKLINGS—25 tons, Eastern Glade, Portland, Ore
CREAM TARTAR—119 bbls, Oregonian, Reston
111 bbls, Alaskan, New York
DENTIFRICE—5 cs, Montanan, Seattle
DISINFECTANT, DRY—1 dm, Hawaiian, Seattle
DRESSING, AUTO TOP—24 cs, Kentuckian, Portland, Ore
EGG YOLK, HEN, DRIED—112 cs, California, New York
ETHYL KETONE—100 dms, Pennsylvanian, New York
FIG PASTE—375 cs, President Lincoln, Boston
FLAVORING POWDER—5 pkgs, Julia Luckenbach, Philadelphia
GASOLINE—55,100 bbls, W S Miller, Point Wells
GLUE, DRY—17 tons, Lewis Luckenbach, Boston
GLYCERIN—1 kg, Hawaiian, Tacoma
GREASE, LUBRIC—10 qtr dms, Hawaiian, Seattle
10 kgs, 15 kits, Montanan, Seattle
15 kits, 20 kgs, 1 hlf bbl, American, Portland, Ore
GUM COPAL—541 sks, Lewis Luckenbach, New York
67 sks, President Lincoln, New York
HEMPSEED—300 sks, J L Luckenbach, Philadelphia

HERBS—11 tons, Julia Luckenbach, New York
INK, PRINTING—1 cs, 42 kits, Kentuckian, Portland, Ore
INSECTICIDE—1 dm, Kentuckian, Portland, Ore
1 dm, American, Portland, Ore
LACQUER—1 cs, Hawaiian, Seattle
THINNER—1 kg, 2 dms, Hawaiian, Seattle
16 dms, Kentuckian, Portland, Ore
LARD SUBSTITUTE—803 cs, Jacob Luckenbach, Portland, Ore
200 pkgs, West Shipper, Astoria
70 pkgs, K I Luckenbach, Portland, Ore
364 pkgs, K I Luckenbach, Seattle
VEGETABLE—1,000 cs, Lena Luckenbach, New Orleans-Houston
LEAD, RED PRIMER—50 pls, Point Vincente, Mobile
16 dms, Montanan, Seattle
LIME—1,200 sks, Brookings, Seattle
1,200 sks, Ernest H Meyer, Portland, Ore
LITHARGE—18 tons, Peter Kerr, Albany
LITHO, DRY—84 dms, Montanan, Seattle
MAGNESITE—530 tons, Oregonian, Philadelphia
250 tons, Heffron, Brooklyn
10 tons, Julia Luckenbach, Philadelphia
MAGNESIA, CARBONATE—665 sks, Oregonian, New York
HYDROXIDE—14 tons, Lewis Luckenbach, New York
PASTE—14 tons, Iowan, New York
MEDICINAL PREPS—21 cs, Hawaiian, Tacoma
3 cs, Kentuckian, Portland, Ore
MILK POWDER—20 tons, California, New York
45 tons, J L Luckenbach, New York
200 bbls, Alaskan, New York
SUGAR—167 bbls, Alaskan, Philadelphia
NAPHTHALENE BALLS—6 cs, Hawaiian, Seattle
3 bbls, 4 cs, Montanan, Seattle
OIL—35 tons, Anna Schafer, Aberdeen
2,000 pkgs, Brookings, Point Wells
1,500 pkgs, Brookings, Willbridge
1,200 pkgs, Peter Helms, Seattle
2,500 pkgs, Peter Helms, Point Wells
2 dms, 8 cs, Kentuckian, Portland, Ore
500 pkgs, 150 dms, West Shipper, Portland, Ore
4 cs, Minnesotan, Portland, Ore
217 cs, 43 bbls, 1 dm, American, Portland, Ore
COCONUT—10 cs, Hawaiian, Seattle
CORE—10 tons, California, New York
COTTONSEED—267 dms, West Ira, Seattle
DIESEL—6,000 bbls, W S Miller, Point Wells
FISH—800 tons, Heffron, Bayway
LUBRICATING—210 dms, Alaskan, New York
16 tons, Eastern Glade, Portland, Ore
69 dms, 4 cs, Hawaiian, Seattle
500 cs, 20 bbls, Montanan, Seattle
OLIVE—205 dms, California, New York
100 dms, Hamlin F McCormick, Wilmington, Cal
72 dms, President Lincoln, New York
PERILLA—767 tons, Pennsylvanian, New York
14 tons, Pennsylvanian, Port Newark
136 dms, Lena Luckenbach, Houston
23 tons, Peter Kerr, New York
RAPESEED—300 dms, President Lincoln, New York
32 tons, California, New York
121 tons, Peter Kerr, New York
OLEOMARGARIN—400 cs, Robert Luckenbach, Portland, Ore
PAINT—1 dm, 48 cs, Hawaiian, Seattle
50 kgs, 883 cs, Kentuckian, Portland, Ore
50 pls, Point Vincente, Mobile
111 pkgs, President Lincoln, New York
650 cs, Admiral Senn, Seattle
DRY—1,200 pkgs, Brookings, Seattle
300 sks, Ernest H Meyer, Portland, Ore
5 bbls, Montanan, Seattle
PASTE—25 kgs, Kentuckian, Portland, Ore
REDUCER—1 cs, Kentuckian, Portland, Ore
1 dm, American, Portland, Ore
PASTE, LINOLEUM—2 cs, Hawaiian, Seattle
PETROLEUM GAS, LIQ—162 cyls, Robert Luckenbach, Portland, Ore
PRODUCTS—150,000 lbs, Admiral Halstead, Portland, Ore
3 dms, Kentuckian, Portland, Ore
200 tons, Admiral Chase, Seattle
2 tons, Peter Kerr, Philadelphia
POLISH, FURNITURE—18 cs, Montanan, Seattle
STOVE—8 cs, Montanan, Seattle
POLISHING MATERIAL—16 cs, Hawaiian, Seattle
PRUNE CONCENTRATE—94 tons, Timber Rush, Albany
JUICE—31 tons, Peter Kerr, Albany
RESIN—1 dm, Hawaiian, Seattle
SALT—1,600 sks, West Ira, Portland, Ore
1,800 pkgs, Brookings, Tacoma
1,500 pkgs, Peter Helms, Tacoma
1,000 tons in bulk, Peter Helms, Tacoma
2,500 pkgs, Peter Helms, Seattle
3,000 sks, Admiral Laws, Seattle
1,140 pkgs, West Shipper, Astoria
2,000 pkgs, West Shipper, Portland, Ore
1,800 pkgs, Munami, Portland, Ore
800 pkgs, Munami, Long View
500 pkgs, Point San Pablo, Tacoma
3,200 pkgs, Point San Pablo, Seattle
1,500 sks, Admiral Senn, Seattle
SAND—600 sks, Robert Luckenbach, Olympia
SEALING COMP—5 cans, Hawaiian, Seattle
SESAME SEED—25 tons, California, New York
290 sks, Lewis Luckenbach, New York
2,312 cks, President Lincoln, New York
SOAP—200 cs, Admiral Laws, Seattle
1,100 pkgs, West Shipper, Astoria
1,200 cs, West Shipper, Portland, Ore
503 cs, President Lincoln, New York
STOCK, VEGETABLE—31 tons, Lewis Luckenbach, New York
11 tons, Pennsylvanian, Boston
SODA SILICATE—600 sks, Brookings, Tacoma
680 sks, Peter Helms, Tamoca
50 dms, Montanan, Seattle
50 dms, Point San Pablo, Tacoma
200 sks, Point San Pablo, Olympia
STAIN—2 cs, Kentuckian, Portland, Ore
TALLOW—110 tons, California, New York
61 dms, Lewis Luckenbach, New York
104 bbls, Point Estero, New Orleans
50 dms, Heffron, Boston
INEDURLE—78 dms, J L Luckenbach, Philadelphia
95 tons, Julia Luckenbach, New York
97 tons, Harry Luckenbach, New York
96 tons, Harry Luckenbach, Philadelphia
TOILET PREPS—27 tons, California, New York
23 cs, President Lincoln, New York
TONIC, ANIMAL—1 bg, American, Portland, Ore
VARNISH—10 kgs, Hawaiian, Seattle
34 cs, Kentuckian, Portland, Ore
WAX—120 sks, West Ira, Portland, Ore
ZINC HYDROSULPHITE—200 dms, President Lincoln, New York

Cargo Ship Arrivals

September 12 to September 25

New York

Alamar	Astoria*	Sept 25
Alaskan	Portland*	Sept 17
American Banker	London	Sept 22
American Farmer	London	Sept 19
American Importer	Liverpool*	Sept 21
Ancon	Cristobal*	Sept 14
Angelina	San Juan	Sept 20
Bencas	Theos	Sept 22
Black Condor	Antwerp*	Sept 16
Black Hawk	Antwerp*	Sept 21
Borinquen	Trujillo*	Sept 14
Bremen	Bremen*	Sept 20
Brynje	Vancouver*	Sept 20
Burgos	Barbados*	Sept 15
Calamares	Santa Marta*	Sept 16
Caracas	Puerto Cabello*	Sept 15
Cauto	Vera Cruz*	Sept 20
Charles Christensen	Astoria*	Sept 21
City of Tokio	Calcutta*	Sept 14
Clan Macbride	Grenock	Sept 15
Coamo	Trujillo*	Sept 21
Colombia	Cristobal*	Sept 21
Columbus	Bremen*	Sept 20
Crispin	Maranham*	Sept 20
Cumbal	Pisco*	Sept 16
Cyprian Prince	Fowey*	Sept 23
Drottningholm	Gothenburg	Sept 21
Edward Luckenbach	Portland*	Sept 24
Eli	Antwerp	Sept 18
Emilia	San Juan	Sept 14
Emile Francqui	Antwerp	Sept 16
Excalibur	Beirut*	Sept 16
Exhibitor	Piraeus*	Sept 22
Felix Taussig	Portland*	Sept 22
Flora	Maracaibo*	Sept 21
Fort Amherst	St Pierre*	Sept 24
Fort Townshend	St Pierre*	Sept 17
Guayaquil	Port au Prince*	Sept 21
Hansa	Hamburg*	Sept 25
Harry Luckenbach	Astoria*	Sept 18
Heffron	Portland*	Sept 22
Hindenburg	Frankfort	Sept 20
Hoegh Transporter	Fiume*	Sept 25
Ivar	Oslo	Sept 21
Japanese Prince	Batavia*	Sept 21
Karmoy	Hamburg	Sept 25
Kiyosumi	Manila*	Sept 25
Konigstein	Antwerp	Sept 24
Kota Inten	Singapore*	Sept 18
Laconia	Liverpool*	Sept 21
Lafayette	Havre*	Sept 19
Lara	Curacao*	Sept 24
Liberty	Hamburg*	Sept 18
Magmeric	Olympia*	Sept 15
Maria	Fiume*	Sept 25
Markhor	Calcutta*	Sept 16
Mauna Loa	Honolulu*	Sept 18
Max Hoelz	Leningrad	Sept 25
Mexican	Seattle*	Sept 20
Minnesotan	Portland*	Sept 20
Montreal	Kobe*	Sept 23
Motomar	Barcelona*	Sept 14
Munargo	Havana*	Sept 17
Musa	Puerto Barrios*	Sept 17
Noto	Hongkong*	Sept 19
Oriente	Havana	Sept 18
Orizaba	Vera Cruz*	Sept 22
Panuco	Tampico*	Sept 17
Paris	Havre*	Sept 24
Pastores	Cristobal*	Sept 14
Peten	Port Limon*	Sept 20
Peter Kerr	Seattle*	Sept 20
Pipestone County	Havre*	Sept 18
Platano	Puerto Barrios*	Sept 24
Ponce	San Juan	Sept 15
President Hayes	Manila*	Sept 22
President Roosevelt	Hamburg*	Sept 25
Queen Mary	Southampton*	Sept 21
Ragnildsholm	Gothenburg*	Sept 14
St Louis	Hamburg*	Sept 23
San Felipe	Portland*	Sept 15
San Jacinto	San Juan	Sept 22
Santa Barbara	San Antonio*	Sept 22
Santa Elena	San Francisco*	Sept 22
Santa Rita	Valparaiso*	Sept 15
Scanmail	Gdynia*	Sept 24
Scanstates	Gdynia*	Sept 16
Schurbek	Bremen*	Sept 14
Scottsburg	Honolulu*	Sept 18
Seatrain Havana	New Orleans*	Sept 15
Seatrain New York	New Orleans*	Sept 22
Sheridan	Santos	Sept 17
Siboney	Vera Cruz*	Sept 15
Southern Cross	Buenos Aires*	Sept 23
Southern Prince	Buenos Aires*	Sept 16
Steel Scientist	Sourabaya*	Sept 24
Steel Trader	Honolulu*	Sept 16
Steel Worker	Calcutta*	Sept 17
Stuyvesant	Curacao*	Sept 14
Taube	Gefle*	Sept 25
Taybank	Shanghai*	Sept 17
Texan	Seattle*	Sept 24
Tokai	Hongkong*	Sept 22
Toloa	Santa Marta*	Sept 23
Transylvania	Glasgow*	Sept 20
Virginia	San Francisco*	Sept 14
Vulcania	Trieste*	Sept 24
West Isleta	Capetown*	Sept 24
Yucatan	Vera Cruz	Sept 15
Zarembo	Lagos*	Sept 21

* And other ports

Recent Charters

PETROLEUM——tons, S S Kellogg, dirty, California, Formosa, 48c; December
—— tons, S S Athelcrown, dirty, California, Japan, 11s; September
—— tons, S S Emma Maersk, dirty, California, Manila, 12s 9d; November
9,000 tons, S S Leiesten, dirty, Constanza to Antwerp, Hamburg Range, 7s 6d September 1-15
12,500 tons, S S Marina, clean, Gulf to United Kingdom, Continent (Bordeaux-Hamburg Range), 11s; 1s 6d extra Gothenburg-Stockholm Range; September 22-October 5
9,500 tons, S S Gustav E Reuter, gas, fuel, Constanza to Hamburg, four to five consecutive voyages, commencing September
13,500 tons, S S Ferncastle, clean, California to China-Japan, 15s; September-October
9,500 tons, S S Leiestan, gas oil, Constanza, Continent, A-H, 7s 6d; October
10,000 tons, S S Voreda, clean, Constanza, Antwerp, Hamburg Range, 9s 9d; September
13,000 tons, S S Storstad, dirty, Constanza, Thames and Medway, 7s 3d; October 10-25
7,500 tons, S S Venetia, clean, Aruba, Dublin and Foynes, 10s 6d; October
9,000 tons, S S Ima, dirty, Tampico, United Kingdom, Continent, 9s 6d; September
10,000 tons, S S Garonne, clean, California, Nagaovo Bay 21s; Vladivostok and (or) Amur Bay, 18s 6d; October 1-15
9,000 tons, S S Cleopatra, dirty, Tampico, United Kingdom, Continent, 9s 9d; September
14,000 tons, S S Ferncastle, clean, Sumatra, Japan, 8s 6d; Australia, 11s; New Zealand, 12s; October
12,000 tons, S S Emma Maersk, fuel oil, California, Manila, 12s 9d. November
3,700 tons, S S Atlas, clean, Constanza, Algiers, 8s
10,500 tons, S S Teddy, dirty, Aruba, Curacao, Venezuela, 8s; Cartagena, 8s 3d; United States Gulf, 9s 6d; Tampico, United Kingdom, Continent, 9s 9d; September 20-25
9,150 tons, S S Madrono, dirty, 3s 9d; six months continuation of present time charter from end September, charterer's option further six months at 4s
14,000 tons, S S Kaldfonn, clean, California to Hamburg, 18s; September-October
8,000 tons, S S Sommerstad, gas, Constanza to Hamburg, 8s 3d; September 15-30
8,500 tons, S S Oilreliance, clean, Russian Black Sea to New Zealand, 23s; October-November
7,500 tons, S S Buesten, clean, Constanza, two ports French Atlantic, 11s 1½d; September 15-30
9,000 tons, S S Sveve, clean, Northern States, Rio or Santos, 11s 6d; October
6,000 tons, S S Nausicas, fuel oil, Constanza, Alexandria, 4s 9d; option 7,500 tons, 4s 6d; September 15-25
8,500 tons, S S Liss, crude oil, Gulf, Wilhelmshaven, 9s; September 1-15
10,000 tons, S S Myriam, gas oil, Russian Black Sea, Hamburg and (or) Erevelde, 7s 10½d; extra two ports; September
9,000 tons, S S Ch Th Boe, crude oil, Gulf, Venice, 9s; September 15-30
4,000 tons, S S Mexico, gas, fuel oil, Constanza, Beyrout or Alexandria, 4s 3d, followed by Constanza, Bona and Algiers, 7s 6d
9,000-9,600 tons, S S William Strachan, crude fuel oil, Gulf, German North Sea, 9s 7½d; September 1-20

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended September 16

Chlorophyl, technical, 6 cases; restricted use.
Codliver oil, 100 drums, not U.S.P.
Coriander seed, 242 bags; filthy.
Cumin seed, 251 bags, filthy.
Nicaraguan balsam, 6 boxes, 5 cases; restricted use.
Medicinal preparations, 4 cases; false therapeutic claims.
Phenol, 250 drums; not U.S.P.
Stramonium leaves, 22 bags; not U.S.P.
Thyme leaves, 72 bags; filthy.

Baltimore

Week Ended September 16

Medicinal preparation, 1 case; false therapeutic claims.
Medicinal preparation, 1 case; dangerous to health.

Buffalo

Week Ended September 16

Medicinal preparations, 28 bottles, 3 boxes; false therapeutic claims.
Spice extract, acetous, 2 bottles; not labeled in conformity with the Caustic Poison Act; dangerous to health.

Los Angeles

Week Ended September 10

Oregano, 158 bales; contains excessive foreign material.

Philadelphia

Week Ended September 16

Codliver oil, 75 barrels, not U.S.P.

San Francisco

Week Ended September 10

Medicinal preparations, 246 pieces; false therapeutic claims.
Sesame and peanut oil, 136 gallons; net volume not declared.

Seattle

Week Ended September 10

Medicinal preparations, 4 pieces; potentially dangerous to health; false therapeutic claims.
Medicinal preparations, 2 pieces; false therapeutic claims.
Caraway seed, 28 bags; filthy.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Chloropicrin: — Purchase, Bayamon, Puerto Rico (1543).
Drugs, proprietary medicines, and pharmaceuticals:—Agency, Lima, Peru (1561).
Laboratory chemicals:—Purchase, Cairo, Egypt (1541).
Lubricating oils for motors:—Agency, Montreal, Canada (1549).
Paints, varnishes, and raw materials:—Agency, Antwerp, Belgium (1542).
Paints, for use on cement work:—Agency, Buenos Aires, Argentina (1487).
Paints, houses:—Exclusive agency, Cucuta, Colombia (1468).
Perfumery:—Purchase and agency, Port-au-Prince, Haiti (1457).
Pharmaceuticals and toilet preparations:—Purchase, Medan, Sumatra (1493).
Proprietary medicines:—Purchase and agency, Port-au-Prince, Haiti (1457).
Polish, wax, red:—Agency, Rangoon, India (1453).
Shoe polishes, liquid and paste:—Purchase, Guatemala City, Guatemala (1515).
Soaps:—Purchase and agency, Port-au-Prince, Haiti (1457).
Sulphur, crude:—Purchase, Bombay, India (1568).
Sulphuric acid:—Purchase, Calcutta, India (1500).

Surgical gut in chief value of silk should be assessed for duty at 65 percent as manufactures of silk not specially provided for (paragraph 1211 of the 1930 tariff act), rather than at 40 percent as sewing silk (paragraph 1204) according to a ruling by the Bureau of Customs.

Paint Materials

Naval Stores

(Continued from page 40)

that Mexican production of turpentine and rosin in the Guadalajara area was lower in August because of heavy rains. The output was only 35,000 gallons. Shipments to United States were 16,230 gallons in August, leaving a stock on hand of approximately 46,000 gallons at the end of the month. The month's production of gum rosin totaled 380 metric tons, of which 50 tons were exported to the United States. Domestic consumption of rosin was in excess of 300 tons, while it was reported that small shipments to Europe reduced the stock on hand to approximately 350 tons.

Turpentine.—The local suppliers were unable to promote much of interest among the buyers. Trade has been routine for the past several days and the market gets little support in the way of buying attention. The declining position of the primary market is believed responsible for the lack of concern among buyers. Receipts at the primary shipping points continued rather liberal under the favor of weather conditions albeit, a heavy storm in the latter part of the week may have a decelarating effect.

SAVANNAH, Sept. 18.—Turpentine sales were light and the market appeared steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Saturday	37¼	...	418	100	35,371
Monday	37¼	107	285	504	35,152
Tuesday	37	77	588	220	35,520
Wednesday	36¾	34	360	610	35,270
Thursday	36¾	15	332	100	35,502
Friday	37	180	267	2	35,767

JACKSONVILLE, Sept. 17.—The turpentine market was quiet and the price undertone was steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Friday	37¾	30	203	2	47,129
Saturday	37¼	64	282	2	47,409
Monday	37¼	...	449	4,415	43,443
Tuesday	37¼	...	303	...	43,746
Wednesday	37	29	180	2	43,924
Thursday	36¾	...	167	...	44,091

PENSACOLA, Sept. 12.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Monday	...	...	.....
Tuesday	220	121	30,624
Wednesday	224	162	30,686
Thursday	81	...	30,767
Friday	74	...	30,841
Saturday	144	...	30,985

* Holiday.

CHICAGO, Sept. 18.—While turpentine prices have undergone a slight recession, the tone still appears to be comparatively firm at this time, at the slightly reduced prices. Trade purchases are being made in fairly good volume. Most orders are somewhat limited in individual extent, but aggregate amount of business is reaching rather good proportions because of the frequency of these orders. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, Sept. 18.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	39	3
Monday	39	3
Tuesday	39	3
Wednesday	39	0
Thursday	38	9
Friday	38	9

Stocks of American turpentine in London were:—

	Sept. 18.	Previous week.	Last year.
Barrels	14,211	11,394	1,647

Rosin.—Unlike turpentine, the rosin market held its recent price gains and bidding for the offerings in the Southern market was more lively than the activity in turpentine. Local buying interests were somewhat less cautious than a week ago and the week's trade was fairly good. Buyers here continued to watch the developments in the South where purchasing attention also continued fair. Foreign buyers were not very active and some have been going abroad for supplies because of cheaper prices. Contract deliveries were fair-sized.

CHICAGO, Sept. 18.—The rosin market has witnessed further moderate price appreciation in recent days, and prices are now at the best levels, or around best levels, reached in a long time. Interest in the market is being distributed to a considerable extent by buyers, while offerings are not being pressed out on the market very extensively or actively. Tone seems healthy. Ruling prices at the close of business last night were: B grade, $8.55 per lot of 280 pounds; G grade, $8.55; M grade, $8.55; W. W. grade, $9.50

SAVANNAH, Sept. 18.—Rosin was quiet and the week's price movements were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.05	$6.05	$6.05	$6.00	$5.97½	$6.00
D	6.05	6.05	6.05	6.00	5.97½	6.00
E	6.05	6.05	6.05	6.00	5.97½	6.00
F	6.05	6.05	6.05	6.00	5.97½	6.00
G	6.05	6.05	6.05	6.00	5.97½	6.00
H	6.05	6.05	6.05	6.00	5.97½	6.00
I	6.05	6.07½	6.05	6.00	5.97½	6.00
K	6.05	6.07½	6.05	6.00	5.97½	6.00
M	6.10	6.07½	6.05	6.00	5.97½	6.00
N	6.10	6.10	6.10	6.00	5.97½	6.02½
WG	6.25	6.25	6.20	6.15	6.15	6.10
WW	7.00	7.00	7.00	6.95	6.80	6.90
X	7.00	7.00	7.00	6.95	6.80	6.90
	—Barrels—					
Sales	727	697	1,135	1,123	350	619
Receipts	1,866	1,346	2,582	1,348	1,196	1,403
Shipments	210	2,692	394	5,708	..	5
Stocks	91,497	99,145	92,333	87,973	89,169	90,507

JACKSONVILLE, Sept. 17.—Rosin held a fairly firm undertone. Volume was light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$5.50	$5.50	$6.05	$6.00	$5.95	$5.95
D	5.80	6.00	6.05	6.00	5.95	5.95
E	5.87½	6.00	6.05	6.00	5.95	5.95
F	6.00	6.00	6.05	6.00	5.95	5.95
G	6.00	6.00	6.05	6.00	5.95	5.95
H	6.00	6.00	6.05	6.00	5.95	5.95
I	6.00	6.00	6.05	6.00	5.95	5.95
K	6.00	6.00	6.05	6.00	5.95	5.95
M	6.00	6.00	6.05	6.00	5.95	5.95
N	6.00	6.00	6.10	6.00	5.95	5.95
WG	6.20	6.05	6.10	6.05	5.95	5.95
WW	6.80	6.75	6.90	6.85	6.80	6.80
X	6.85	6.75	6.90	6.90	6.80	6.80
	—Barrels—					
Sales	..	410	674	862	522	97
Receipts	2,403	1,130	1,853	1,622	1,431	1,071
Shipments	2,204	92	8,099	1,670	1	11,655
Stocks	71,335	72,373	66,127	66,079	67,509	56,925

PENSACOLA, Sept. 12.—The rosin market continued quiet. Following is a record of the market for the week:—

	*Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	—Barrels—					
Receipts	..	491	933	354	306	297
Shipments	..	750	1,128	2	100	409
Stocks	..	32,588	32,393	32,745	32,951	32,839

* Holiday.

LONDON, Sept. 18.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	15	7½	17	9
Monday	15	7½	17	9
Tuesday	15	7½	17	9
Wednesday	15	7½	17	9
Thursday	15	7½	17	9
Friday	15	7½	17	9

Pine Oil.—The market lacked special feature other than the continued steadiness of prices. Conditions on the demand side of the market were more or less routine and favorably comparable with those of recent weeks.

Pitch.—Consuming buyers continued to operate along very conservative lines. Buying is largely in small units and for nearby consumption. There has been no change in the quoted position of the market.

Rosin Oil.—Conditions surrounding this commodity did not show any appreciable change during the week under review. The market retained a firm tone while purchasing continued in routine fashion.

Tar.—The movement of supplies against contract was moderate and the spot interest of buyers was fair. There has been no shift in the position of prices.

Shellac

Demand for shellac continued to be mainly moderate. Deliveries against existing contracts were fair in volume and seemed to provide sufficient stock for most of the manufacturing consumers. New business was conservative in volume. The outlook was said to be somewhat encouraging for the future. While the market was still very competitive, the principal producers have been able in most instances to maintain prices that were at least fairly in line with their first costs. Furthermore, they expect that revival of trade in the Fall months will be along broader and more substantial lines. The stabilizing element in the spot market is the fact that Calcutta and London prices have been substantially steady. Last week London declined. In view of the large consumption of shellac by the Soviet, what might have been weak markets have been, in fact, steady and generally well maintained. Such condition has not been productive of spot conditions permitting any substantial changing of prices.

London, Sept. 18.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	—September 18— Shillings. Cwt.	Cents. lb.	—September 11— Shillings. Cwt.	Cents. lb.
October	48½	10.6	50½	11.0
December	49½	10.8	51½	11.2

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	—Per hundredweight— October.	December.
September 11	50s 6d	51s 6d
September 12	50s 6d	51s 6d
September 14	50s ..	51s ..
September 15	49s ..	50s ..
September 16	48s 6d	48s 6d
September 17	48s 6d	48s 6d
September 18	48s 6d	48s 6d

Calcutta, Sept. 18.—Prices quoted on U.S.S.A. T.N. c&f. New York, basis of sterling exchange at $4.88, were as follows:—

	—Per pound— Sept. 18.	Sept. 11.
September	11⅛c	11¼c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
September 11	11¼c	Steady
September 12	11¼c	Steady
September 14	11¼c	Steady
September 15	11¼c	Steady
September 16	11⅛c	Steady
September 17	11⅛c	Steady
September 18	11⅛c	Steady

Lacquer Materials

The market for the lacquer materials noted a stronger tone during the week just closed, with demand showing some improvement. Prices for the fourth quarter were featured by a fractional advance in ethyl acetate and isopropyl acetate for the fourth quarter. Word from the automobile industry indicated that many of the producers have gotten in production on the 1937 models, the initial showing of which will take place in November. Indications were that production in the automobile industry would be gradually stepped up through the balance of the current year. Acetone was firmer, with the prices being extended on the basis of 7c. per pound for tank quantities; butyl alcohol prices have also been extended on the basis of 8½c. per pound for tankcars and butyl acetate prices likewise have been renewed for the fourth quarter on the basis of 8½c. per pound for tankcar quantities.

Acetone.—Demand was fairly good, with the prices holding firm. And the schedule for the fourth quarter is unchanged at 7c. per pound for tanks, 8c. per pound for car lots and 8½c. per pound less than car lot quantities.

Butyl Acetate.—Demand for this material continued good during the week, with sellers reporting the fourth quarter prices of 8½c. per pound for tanks, 9½c. per pound for car lots and 10c. per pound for less than car lots.

Butyl Alcohol.—This market showed little change, with the exception that the schedule for the fourth quarter will remain at 8½c. per pound for tanks, 9½c. per pound for car lot quantities and 10c. per pound for less than car lot quantities.

Ethyl Acetate.—Effective October 1, for the fourth quarter, the prices for this material will be advanced ½c. per pound, with the sellers asking 6½c. per pound for tanks, 7½c. per pound for car lots and 8c. per pound for less than car lots.

Isopropyl Acetate.—This material will be advanced for the fourth quarter, with the schedule calling for 6½c. per pound for tanks, 7½c. per pound for car lot drums and 8c. per pound for less than car lot quantities.

Driers

A rise in the price of stearic acid last week places the position of the stearates in a different light for the final quarter of this year. Stearate factors have not yet taken a position for the final three months of the year, although prior to last week's boost in acid costs it had been indicated that the prices for stearates would likely continue untouched. With last week's increase in raw material costs, the market for stearic acid is somewhat above its level at the time that present prices for the stearate derivatives were established.

Glues and Binders

Casein.—There was no shift in the market last week. Leading producers continue to quote the domestic article in car lots at 17½c. per pound for 20-30 mesh and 18c. per pound for fines, basis delivered. While it may have been possible to shade these figures in some directions, the market was really strong and there is little material offered for open sale. Argentine material is unchanged in price and should start in heavy production in November with a likelihood of heavy imports here around the end of the year.

Glues.—The raw stock market continues tight and supplies are not very readily available in some directions. Bone and hide glues quotations have not undergone general change during the past few weeks, but a further increase in quotations would not be surprising within the next few weeks. Demand has been coming into the market in a more active way.

Synthetic Resins and Plastics Symposium

(Continued from page 5)

acid. It is comparable to the bodies described by Staudinger as resulting from the copolymerization of styrene and divinylbenzene.

Polymer Distribution in Vinyl Ester Resins

By S.D. Douglas and W.N. Stoops
Carbide & Carbon Chemicals Corporation

Methods of determining polymer distribution, or the percentage composition based on degree of polymerization, are necessarily very limited. The ultracentrifuge has proven its usefulness for this purpose, but the equipment required is too complicated and expensive for general use. Separation of a resin into various fractions by extraction with different solvents is fairly satisfactory when it is soluble and of such a low overall degree of polymerization that there are appreciable differences of solubility among the various polymer bands.

"Vinylite," a copolymer of viny chloride and vinyl acetate, can be separated into bands of different molecular weight and physical properties by repeated extraction with different solvents or by fractionally precipitating it from solution. Data obtained on a series of carefully prepared fractions made from the same resin show that most of the physical properties of the resin are determined by its degree of polymerization. Tensile strength, impact strength, modulus of rupture, and modulus of elasticity all show the same type of variation, namely, a rapid increase from a very low value in the molecular weight range 5,000 to 8,000 followed by a much more gradual increase for higher molecular weights. The plasticity of the resin and the viscosity of its solutions are also largely determined by the molecular weight. Certain other properties such as water-absorption, hardness and refractive index are practically independent of molecular weight.

In view of the dependence of many of the properties of the resin on degree of polymerization, it is obviously desirable to be able to determine the polymer distribution. A laborious fractionation process such as was employed in preparing the fractions described above is not practical for a routine test, hence a fractional precipitation procedure was developed in which the amount of resin precipitated could be determined without actually removing the fraction thrown out of solution. Various combinations of solvents and precipitants were tried in order to secure a granular, rather than a gellike, precipitate. The concentration of the resin solution used was also found to influence the results due both to absorption of dissolved resin in the precipitated resin and to mutual solvent action of the dissolved resin. The actual molecular weight bands corresponding to a particular fractionation procedure were determined by applying it to resins for which the polymer distribution had been determined in a more detailed manner by a repeated extraction process in which a resin was split up into some twenty to thirty fractions with molecular weight determinations on each. Staudinger's viscosity method was used to determine the molecular weight of the individual fractions, the constant in his equation being obtained from cryoscopic measurements.

Other vinyl resins such as polystyrene and polyvinyl chloride do not show enough difference in solubility among the poylmer bands present to enable a method of this kind to be used advantageously. However, polyvinyl acetate is in most commercial grades at least, of such a degree of polymerization that it can be analyzed by a similar procedure.

(To be continued)

Dominion Tar & Chemical Company has formally called for payment November 16, at 103 and interest, the entire issue of its debentures A and B 6 percent, due January 2, 1949, at the Royal Bank of Canada.

Bids and Awards

(Continued from page 35)

Salt:—Supplies of; for various deliveries; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 35, opening September 25.
Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 28, opening September 24.
Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circular 77, opening September 25.
Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circular 79, opening September 25.
Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circular 76, opening September 25.

Saniflush:—Supplies of; U. S. Engineer Office ,P. O. box 667, Vicksburg, Miss.; circulars 76, 78, and 79, all opening September 25.

Scouring Powder: — Supplies of; Quartermaster, Fort Hoyle, Md.; circular 19, opening September 24.
Supplies of; Post Commissary, Fort Jay, N. Y.; circular 6, opening September 25.

Shaving Cream: — Supplies of; Quartermaster, Fort George G. Meade, Md.; procurement 554-23, opening September 30.

Shoe Polish:—Supplies of; Quartermaster, Fort George G. Meade, Md.; procurement 554-23, opening September 30.
Supplies of; Quartermaster, Randolph Field, Tex.; procurement 780-11, opening September 23.
Supplies of; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; circular 27, opening October 5.

Soap: — Supplies of; Quartermaster, Fort George G. Meade, Md.; procurement 544-23, opening September 30.
Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circular 79, opening September 25.

Soap Flakes:—Supplies of; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 48, opening September 24.

Soap, Green:—200 25-pound containers for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 154, opening September 24.

Soap, Grit:—Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circulars 76, 77, and 78, all opening September 25.
1,500 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3183, opening October 5.
Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.

Soap, Laundry:—Supplies of; Quartermaster Randolph Field, Tex.; procurement 780-11, opening September 23.
Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circulars 76, 77, 78, and 79, all opening September 25.
Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.

Soap, Powder:—Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.
Supplies of; Quartermaster, West Point, N. Y.; circular 23, opening September 24.

Soap, Shaving:—Supplies of; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 48, opening September 24.

Soap, Toilet:—Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circulars 77, 78, and 79, all opening September 25.
Supplies of; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; circular 48, opening September 24.
Supplies of; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; circular 27, opening October 5.
Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.

Solvent:—4,000 pounds; Purchasing and Contracting Officer, District Quartermaster, C.C.C., Fort Sheridan, Ill.; circular 16, opening September 24.
1,400 gallons; Quartermaster, C.C.C., Fort Snelling, Minn.; procurement 5708-52, opening September 25.

Spar Varnish: — 300 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 82, opening September 23.

Spices:—Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circulars 48 and 52, opening September 30.
Supplies of; U. S. Engineer Office, First District, New Orleans, La.; circular 56, opening October 12.
Supplies of; U. S. Engineer Office, P. O. box 667, Vicksburg, Miss.; circulars 76 and 79, opening September 25.

Starch, Laundry:—Supplies of; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; circular 27, opening October 5.

Talcum Powder:—Supplies of; Contracting Officer, Quartermaster Corps, Fort Bragg, N. C.; circular 27, opening October 5.
Supplies of; Quartermaster, Fort Belvoir, Va.; circular 11, opening September 24.

Titanium Pigment:—60,000 pounds, dry, for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8794, opening September 29.

Tooth Powder:—Supplies of; Quartermaster, Fort George G. Meade, Md.; procurement 544-23, opening September 30.
Supplies of; Quartermaster, Fort Belvoir, Va.; circular 11, opening September 24.

Trisoda Phosphate:—8,000 pounds; Purchasing and Contracting Officer, District Quartermaster, C.C.C., Fort Sheridan, Ill.; circular 16, opening September 24.

Turpentine: — 250 gallons; Purchasing and Contracting Officer, Quartermaster Corps, Mitchell Field, Hempstead, L. I.; procurement 568-1, opening September 28.

Washing Powder: — Supplies of; Quartermaster, Fort George G. Meade, Md.; procurement 554-23, opening September 30.
Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 28, opening September 24.
Supplies of; Post Commissary, Fort Jay, N. Y.; circular 6, opening September 25.
Supplies of; Quartermaster, Randolph Field, Tex.; procurement 780-11, opening September 23.

White Lead:—20,000 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Mitchel Field, Hempstead, L. I.; procurement 6201-2, opening September 25.
10,000 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Mitchel Field, Hempstead, L. I.; procurement 568-1, opening September 28.

Zinc Oxide:—1,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; circular 82, opening September 23.

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

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IF YOU can offer to advantage, pigments, oils and other raw materials and would be interested in Southern Ohio representation, address BOX 633, Oil, Paint and Drug Reporter.

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CAPITAL AVAILABLE for the purchase outright or interest in a chemical manufacturing project which is operating or in the development stage. BOX 648, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 621, Oil, Paint and Drug Reporter.

FROM THE $10,000,000 Spreckels liquidation:—5 No. 4 Vallez rotary filters; 2 Shriver filter presses, 32 inches by 32 inches, cast iron; 60 40 inch bronze basket American tool centrifugal machines; 5 Oat's vacuum pans; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 1 3 feet by 10 feet Hersey hot air dryer; 500 motors 3 phase, 60 cycle, 220 volts, from 5 to 150 H.P.; thousands of tons of pipe, valves, and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 35 Heine water tube boilers, 250 H.P. to 500 H.P., complete with Murphy automatic stokers; 3 75 K.W., D.C. generating sets; 50 bucket elevators; complete chemical library and laboratory; 250 steel storage tanks, 50 gal. to 10,000 gallons; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; complete line of office furniture and equipment; lockers, belting; screw conveyors, etc. Arrange to visit plant. Send us your inquiries. Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

JUST PURCHASED.—Complete cosmetic and pharmaceutical plant consisting of:—colloid mills; Day 40 gallon pony mixer; No. 11 rotex sifter; Day 200, 400, 600, 2,000 pounds powder mixers; Day Gem 4-speed cream beater; 12-Pfaudler tanks and kettles, 50 to 150 gallon, agitated and unagitated; U. S. bottlers No. 4 combination filter and filling unit. Inspect our complete stock at our New York City warehouse consisting of grinders, kettles, filters, fillers, pumps, mixers, etc. Stein-Brill Corporation, 183 Varick street, New York, N. Y.

Equipment Offered

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street, Spring 7-8955.

FOR SALE—Electrically heated enamel-lined open top kettle. Fitted with thermometer and bottom outlet. Capacity 125 gallons. Cost $600. Will sacrifice for immediate removal for $125. BOX 646, Oil, Paint and Drug Reporter.

TANDRUM MILLS (2) available for sale, reasonable. Equipment located in Metropolitan area of New York city. BOX 649, Oil, Paint and Drug Reporter.

PEBBLE MILLS—16 to 900 gallons capacity. Filter presses, iron, 30-inch open delivery, 36-inch closed delivery. Vacuum pumps, wet and dry. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Wanted

WANTED—Ball and Jewell or Abbe cutter, No. 1 size. Must be in good condition. Also interested in reel sifter and hammer mill. BOX 645, Oil, Paint and Drug Reporter.

USED FERTILIZER equipment—Two-ton Stedman pan mixer with acid and dust weighing hoppers; one-ton fertilizer mixer—Atlanta Utilities type; Raymond mill with dust collector—state size; swing hammer mill—state size. We are purchasers, not dealers. BOX 654, Oil, Paint and Drug Reporter.

Factories Offered

CALCIMINE and whiting factory located on Long Island City waterfront; approximately 72x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

MODERN FACTORY, one story, 18,000 sq. ft., exceptional headroom, 200 h. p. boiler, concrete floors with drains, acid-proof sewer line, large enclosed yard. Unrestricted district, Brooklyn, near bridges. The R. L. Kraft Company, Woolworth Building. Cort. 7-9377.

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WILLING to sell half interest in patented item for paint industry. Now manufacturing. Possible earnings about $1,000,000 or more yearly. BOX 657, Oil, Paint and Drug Reporter.

COMPLETELY equipped paint manufacturing plant, excellent condition, practically new; roller and pebble mills, mixers, etc. Daily capacity 1,500 to 2,000 gallons. Free rent, power and light. Desire connection with reputable distributor or jobbing concern on profit sharing basis. Plant located in New Jersey, 20 minutes from New York. No cash required. BOX 656, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 622, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN WANTED—Preferably with experience, to sell furniture and industrial lacquers, synthetics, enamels, varnishes. Salary and commission. Well known Eastern company. Give full details in letter. BOX 647, Oil, Paint and Drug Reporter.

CHEMIST, experienced in formulating industrial paint and varnish products, wanted by a Metropolitan manufacturer. Write, giving full particulars. BOX 655, Oil, Paint and Drug Reporter.

WANTED—A bright young man, well educated, by an established chemical firm to start at the bottom. Must be capable stenographer. State age, education, and experience, if any. BOX 658, Oil, Paint and Drug Reporter.

Positions Wanted

ANALYTICAL and manufacturing chemist, experienced in printing inks, pharmaceuticals, and toilet accessories. BOX 651, Oil, Paint and Drug Reporter.

Positions Wanted

CASEIN CHEMIST—Experienced in manufacture, properties and use. Some knowledge vegetable casein. Capable improving your present products or developing new ones. Background of wide industrial experience. Consider also sales service. BOX 628, Oil, Paint and Drug Reporter.

EXECUTIVE—Constantly employed for past twenty years in technical and executive capacities is seeking larger responsibilities with progressive concern. Technical and business training; mechanical bent; market minded and can sell. Should make excellent assistant to president or works manager. BOX 629, Oil, Paint and Drug Reporter.

PLANT MANAGER or superintendent position wanted by first class paint and varnish maker. Makes the best selling flat whites, gloss whites, enamel and varnishes for the dealers and painters' trade. Good production man. BOX 630, Oil, Paint and Drug Reporter.

SALESMAN—Capable of adding to and holding established trade. Technical education. Fifteen years' selling experience in industrial raw material chemicals. Personal interview requested. Excellent references. BOX 644, Oil, Paint and Drug Reporter.

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MANUFACTURING CHEMIST who has specialized in ampules, pharmaceuticals and embalming fluids. BOX 652, Oil, Paint and Drug Reporter.

ATTENTION! Chemical manufacturers. Sales executive, now employed, with 20 years' experience in selling and handling the sales of various chemicals, seeks new connection. Particularly experienced in introducing new chemicals and developing new markets. BOX 653, Oil, Paint and Drug Reporter.

Surplus Stocks

CHECK INVENTORIES.—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. barrstone lined, with roller bearings, 1—800 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ¼" to 2" dia.
18—175 gal. Copper and Aluminum Steam Jacketed Kettles.
3—500 gal. Aluminum Jack. Agit. Kettles.
2—32" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x33 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
5—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 325 Doremus Ave., Newark, N. J.
Cable Address: Equipment

"the water changes, but the river remains the same"

This time old adage applies to the policy of the First Machinery Corp. Our stock of reconditioned equipment varies, but the assurance that all equipment is in good mechanical condition never changes.
If your need is not met by any of the following, our stock in New York, Philadelphia, Cleveland, and other vantage points may include the required item.

DRYERS
Vacuum chamber, single and double door.
Rotary vacuum, 3 x 15', with auxiliaries.
Atmospheric, single and double drum.
Direct heat, 7 x 100'.
Direct heat, 5 x 50'.

EVAPORATORS
Copper triple effect, 5' x 15'.
Zaremba double and quadruple effect.

MILLS
Ball or pebble, 6' x 5'.
Mead No. 2 (two).
Mead No. 1.
Raymond No. 0000 (two).
Schutz O'Neil 16", 20", 22" (six).

MIXERS
Day 50-lb. to 2,000 lb., dry.
Day 50 gal. to 200 gal. paste.
3 batteries of 4 each paint mixers, 100 gal.

Agitators, autoclaves, columns, filterpresses, filters, fillers, labelers, kettles, pulverizers, solvent recovery, and other processing equipment.

FIRST MACHINERY CORPORATION

419 Lafayette St., N. Y. FMC GRamercy 7-6622

Fertilizer Materials

(Continued from page 56)

Sulphur and Pyrites

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices for delivery to June, 1937.

POTASH NITRATE.—100-pound bags, $33 per ton ex vessel or warehouse, San Francisco/Oakland; 200-pound bags, $32.30 per ton; bulk, $31.

SUPERPHOSPHATE.—Domestic quoted at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 80c. to 85c. per unit. Foreign 75c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $37.50 per ton, October/February shipment, according to seller, f.o.b. cars, Monterey/San Francisco. Nearby quoted up to $41. Strictly fertilizer grade Japanese meal, September/October shipment from the Orient at $38 per ton, c.i.f. San Francisco.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at from $3.40 to $3.60 and 10c. per unit-ton, f.o.b. cars, Los Angeles harbor, according to seller and position. San Francisco market nominal. Argentine tankage, ground, quoted at $3.75 and 10c., c.i.f. Pacific Coast, October shipment. Dry rendered, domestic, ground, quoted at 95c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 85c. per unit.

BONE MEAL.—Domestic steamed meal, quoted from $25 to $32 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $3.50 to $3.90 per unit, according to seller and position, f.o.b. cars, Los Angeles. San Francisco, nominal. Argentine blood meal quoted at $3.50 per unit, October shipment, c.i.f. Pacific Coast ports.

Oils, Fats and Waxes

(Continued from Page 43)

Waxes

ther in price, the recently firmer undertone that resulted in the advance in price continued to abide locally with the result that values were well maintained. Demand was moderate. Further change would appear to await on the primary market situation.

Carnauba.—Business was rather quiet. Brazil continued to be a very firm market. Local prices lacked quotable change, except that No. 2 yellow was down to 44c. to 44½c. per pound. Stocks in the hands of local dealers were, in a few instances, still fairly substantial. However, the unsold supplies were nowhere as large as they were in the recent past. Fairly substantial quantities had been moved into consumption. The result last week was that spot prices were far steadier, or firmer, than demand might have warranted. Also, they more accurately reflected the firmness prevailing at the source of supplies.

Montan.—Substantial firmness in a well stabilized spot market was reported. Replacement costs were well supported abroad and found reflection in the local situation. Demand was reported to be very good and sales were made without the accompaniment of much competition.

Britain Standardizes Turpentine

New specifications covering gum and wood turpentine and mineral spirit have been issued by the British Standards Institution, according to information received by the Department of Commerce from the assistant trade commissioner at London. Specifications for these products were last issued in 1926 and 1929 and the present revision brings the three items together under one specification known as No. 244. Revisions in the specifications relate to tests covering the three products, and the opportunity was taken to secure uniformity of wording and clarity of expression both in the clauses of the specifications and in the appendixes.

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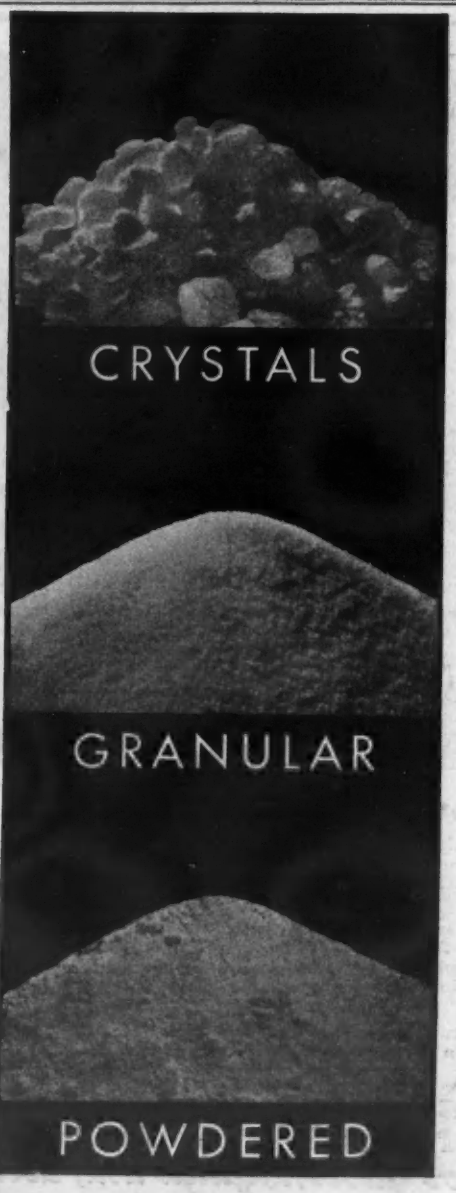

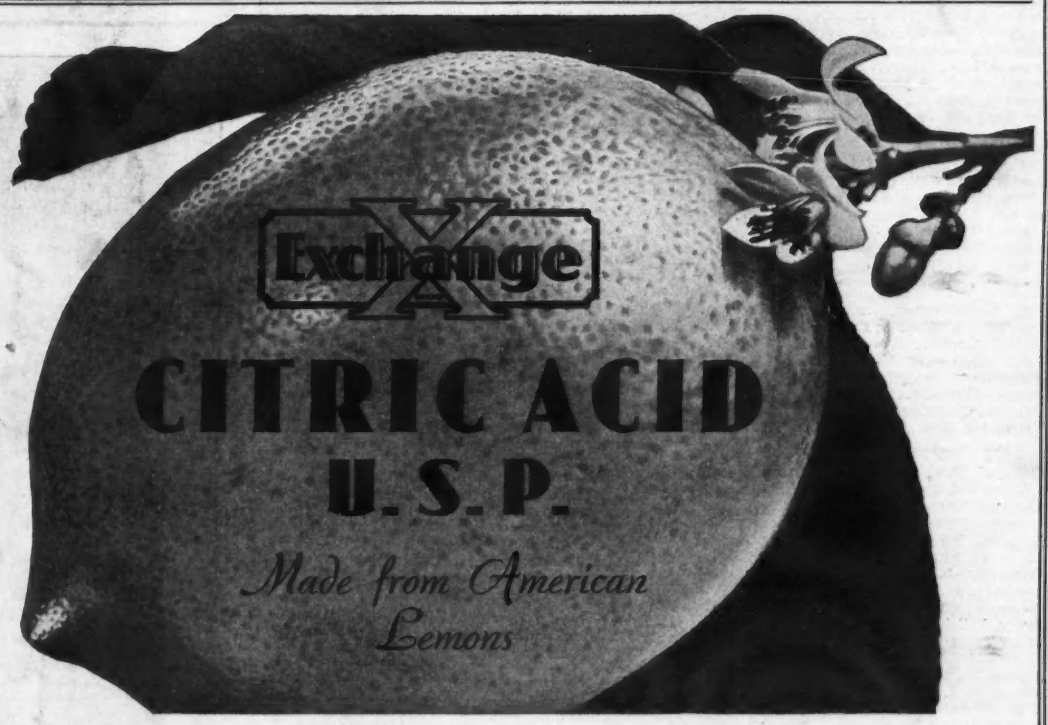

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